

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYE5B3

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE5B3

Matrix: SOIL Lab Sample ID: P4541-01

% Solids: 96.6 Date Received: 10/24/2024

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	11/09/2024	2214
7440-36-0	Antimony	1.7	JD*	11/09/2024	2214
7440-38-2	Arsenic	23	D*	11/09/2024	2214
7440-39-3	Barium	180	D	11/09/2024	2214
7440-41-7	Beryllium	0.67	JD*	11/09/2024	2214
7440-43-9	Cadmium	1.1	D*	11/09/2024	2214
7440-70-2	Calcium	3400	D	11/09/2024	2214
7440-47-3	Chromium	30	D	11/09/2024	2214
7440-48-4	Cobalt	18	D*	11/09/2024	2214
7440-50-8	Copper	110	D*	11/09/2024	2214
7439-89-6	Iron	41000	D	11/09/2024	2214
7439-92-1	Lead	59	D	11/09/2024	2214
7439-95-4	Magnesium	5000	D	11/09/2024	2214
7439-96-5	Manganese	1100	D	11/09/2024	2214
7440-02-0	Nickel	28	D*	11/09/2024	2214
7440-09-7	Potassium	3000	D	11/09/2024	2214
7782-49-2	Selenium	5.2	UD	11/09/2024	2214
7440-22-4	Silver	1.5	UD	11/09/2024	2214
7440-23-5	Sodium	740	UD	11/09/2024	2214
7440-28-0	Thallium	3.7	UD	11/09/2024	2214
7440-62-2	Vanadium	70	D	11/09/2024	2214
7440-66-6	Zinc	130	D*	11/09/2024	2214

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

Comments:

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MYE5B4

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE5B3

Matrix: SOIL Lab Sample ID: P4541-02

% Solids: 96.3 Date Received: 10/24/2024

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	11/09/2024	2218
7440-36-0	Antimony	2.3	JD*	11/09/2024	2218
7440-38-2	Arsenic	43	D*	11/09/2024	2218
7440-39-3	Barium	490	D	11/09/2024	2218
7440-41-7	Beryllium	0.62	JD*	11/09/2024	2218
7440-43-9	Cadmium	2.0	D*	11/09/2024	2218
7440-70-2	Calcium	2100	D	11/09/2024	2218
7440-47-3	Chromium	37	D	11/09/2024	2218
7440-48-4	Cobalt	39	D*	11/09/2024	2218
7440-50-8	Copper	220	D*	11/09/2024	2218
7439-89-6	Iron	55000	D	11/09/2024	2218
7439-92-1	Lead	84	D	11/09/2024	2218
7439-95-4	Magnesium	4400	D	11/09/2024	2218
7439-96-5	Manganese	4700	D	11/09/2024	2218
7440-02-0	Nickel	35	D*	11/09/2024	2218
7440-09-7	Potassium	2800	D	11/09/2024	2218
7782-49-2	Selenium	6.0	UD	11/09/2024	2218
7440-22-4	Silver	1.7	UD	11/09/2024	2218
7440-23-5	Sodium	850	UD	11/09/2024	2218
7440-28-0	Thallium	4.3	UD	11/09/2024	2218
7440-62-2	Vanadium	91	D	11/09/2024	2218
7440-66-6	Zinc	150	D*	11/09/2024	2218

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

Comments:

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MYE5B5

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE5B3

Matrix: SOIL Lab Sample ID: P4541-03

% Solids: 95.9 Date Received: 10/24/2024

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	11/09/2024	2223
7440-36-0	Antimony	1.5	JD*	11/09/2024	2223
7440-38-2	Arsenic	31	D*	11/09/2024	2223
7440-39-3	Barium	250	D	11/09/2024	2223
7440-41-7	Beryllium	0.73	JD*	11/09/2024	2223
7440-43-9	Cadmium	1.3	D*	11/09/2024	2223
7440-70-2	Calcium	3000	D	11/09/2024	2223
7440-47-3	Chromium	37	D	11/09/2024	2223
7440-48-4	Cobalt	20	D*	11/09/2024	2223
7440-50-8	Copper	150	D*	11/09/2024	2223
7439-89-6	Iron	40000	D	11/09/2024	2223
7439-92-1	Lead	72	D	11/09/2024	2223
7439-95-4	Magnesium	4600	D	11/09/2024	2223
7439-96-5	Manganese	2000	D	11/09/2024	2223
7440-02-0	Nickel	37	D*	11/09/2024	2223
7440-09-7	Potassium	2600	D	11/09/2024	2223
7782-49-2	Selenium	5.4	UD	11/09/2024	2223
7440-22-4	Silver	1.5	UD	11/09/2024	2223
7440-23-5	Sodium	770	UD	11/09/2024	2223
7440-28-0	Thallium	3.8	UD	11/09/2024	2223
7440-62-2	Vanadium	75	D	11/09/2024	2223
7440-66-6	Zinc	130	D*	11/09/2024	2223

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

Comments:

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MYE5B6

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE5B3

Matrix: SOIL Lab Sample ID: P4541-04

% Solids: 95.5 Date Received: 10/24/2024

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	11/09/2024	2227
7440-36-0	Antimony	1.0	JD*	11/09/2024	2227
7440-38-2	Arsenic	30	D*	11/09/2024	2227
7440-39-3	Barium	170	D	11/09/2024	2227
7440-41-7	Beryllium	0.70	D*	11/09/2024	2227
7440-43-9	Cadmium	1.2	D*	11/09/2024	2227
7440-70-2	Calcium	3500	D	11/09/2024	2227
7440-47-3	Chromium	40	D	11/09/2024	2227
7440-48-4	Cobalt	19	D*	11/09/2024	2227
7440-50-8	Copper	150	D*	11/09/2024	2227
7439-89-6	Iron	33000	D	11/09/2024	2227
7439-92-1	Lead	59	D	11/09/2024	2227
7439-95-4	Magnesium	4800	D	11/09/2024	2227
7439-96-5	Manganese	1100	D	11/09/2024	2227
7440-02-0	Nickel	40	D*	11/09/2024	2227
7440-09-7	Potassium	2400	D	11/09/2024	2227
7782-49-2	Selenium	4.9	UD	11/09/2024	2227
7440-22-4	Silver	1.4	UD	11/09/2024	2227
7440-23-5	Sodium	700	UD	11/09/2024	2227
7440-28-0	Thallium	3.5	UD	11/09/2024	2227
7440-62-2	Vanadium	57	D	11/09/2024	2227
7440-66-6	Zinc	120	D*	11/09/2024	2227

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

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MYE5B7

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE5B3

Matrix: SOIL Lab Sample ID: P4541-05

% Solids: 93.1 Date Received: 10/24/2024

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	11/09/2024	2232
7440-36-0	Antimony	4.7	JD*	11/09/2024	2232
7440-38-2	Arsenic	58	D*	11/09/2024	2232
7440-39-3	Barium	350	D	11/09/2024	2232
7440-41-7	Beryllium	1.6	D*	11/09/2024	2232
7440-43-9	Cadmium	2.4	D*	11/09/2024	2232
7440-70-2	Calcium	4100	D	11/09/2024	2232
7440-47-3	Chromium	41	D	11/09/2024	2232
7440-48-4	Cobalt	32	D*	11/09/2024	2232
7440-50-8	Copper	180	D*	11/09/2024	2232
7439-89-6	Iron	46000	D	11/09/2024	2232
7439-92-1	Lead	88	D	11/09/2024	2232
7439-95-4	Magnesium	5600	D	11/09/2024	2232
7439-96-5	Manganese	2700	D	11/09/2024	2232
7440-02-0	Nickel	49	D*	11/09/2024	2232
7440-09-7	Potassium	2600	D	11/09/2024	2232
7782-49-2	Selenium	6.2	UD	11/09/2024	2232
7440-22-4	Silver	1.8	UD	11/09/2024	2232
7440-23-5	Sodium	180	JD	11/09/2024	2232
7440-28-0	Thallium	4.4	UD	11/09/2024	2232
7440-62-2	Vanadium	91	D	11/09/2024	2232
7440-66-6	Zinc	160	D*	11/09/2024	2232

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

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MYE5B8

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE5B3

Matrix: SOIL Lab Sample ID: P4541-08

% Solids: 97.2 Date Received: 10/24/2024

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	11/09/2024	2249
7440-36-0	Antimony	2.8	JD*	11/09/2024	2249
7440-38-2	Arsenic	43	D*	11/09/2024	2249
7440-39-3	Barium	240	D	11/09/2024	2249
7440-41-7	Beryllium	0.72	JD*	11/09/2024	2249
7440-43-9	Cadmium	1.6	D*	11/09/2024	2249
7440-70-2	Calcium	2100	D	11/09/2024	2249
7440-47-3	Chromium	36	D	11/09/2024	2249
7440-48-4	Cobalt	23	D*	11/09/2024	2249
7440-50-8	Copper	170	D*	11/09/2024	2249
7439-89-6	Iron	53000	D	11/09/2024	2249
7439-92-1	Lead	73	D	11/09/2024	2249
7439-95-4	Magnesium	4400	D	11/09/2024	2249
7439-96-5	Manganese	2200	D	11/09/2024	2249
7440-02-0	Nickel	32	D*	11/09/2024	2249
7440-09-7	Potassium	2600	D	11/09/2024	2249
7782-49-2	Selenium	5.5	UD	11/09/2024	2249
7440-22-4	Silver	1.6	UD	11/09/2024	2249
7440-23-5	Sodium	170	JD	11/09/2024	2249
7440-28-0	Thallium	4.0	UD	11/09/2024	2249
7440-62-2	Vanadium	83	D	11/09/2024	2249
7440-66-6	Zinc	150	D*	11/09/2024	2249

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

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MYE5B9

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE5B3

Matrix: SOIL Lab Sample ID: P4541-09

% Solids: 94.8 Date Received: 10/24/2024

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	11/09/2024	2254
7440-36-0	Antimony	1.5	JD*	11/09/2024	2254
7440-38-2	Arsenic	33	D*	11/09/2024	2254
7440-39-3	Barium	250	D	11/09/2024	2254
7440-41-7	Beryllium	0.79	JD*	11/09/2024	2254
7440-43-9	Cadmium	0.67	JD*	11/09/2024	2254
7440-70-2	Calcium	4300	D	11/09/2024	2254
7440-47-3	Chromium	39	D	11/09/2024	2254
7440-48-4	Cobalt	20	D*	11/09/2024	2254
7440-50-8	Copper	77	D*	11/09/2024	2254
7439-89-6	Iron	43000	D	11/09/2024	2254
7439-92-1	Lead	36	D	11/09/2024	2254
7439-95-4	Magnesium	5800	D	11/09/2024	2254
7439-96-5	Manganese	1500	D	11/09/2024	2254
7440-02-0	Nickel	38	D*	11/09/2024	2254
7440-09-7	Potassium	3100	D	11/09/2024	2254
7782-49-2	Selenium	6.0	UD	11/09/2024	2254
7440-22-4	Silver	1.7	UD	11/09/2024	2254
7440-23-5	Sodium	190	JD	11/09/2024	2254
7440-28-0	Thallium	4.3	UD	11/09/2024	2254
7440-62-2	Vanadium	87	D	11/09/2024	2254
7440-66-6	Zinc	98	D*	11/09/2024	2254

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

Comments:

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MYE5C0

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE5B3

Matrix: SOIL Lab Sample ID: P4541-10

% Solids: 96.7 Date Received: 10/24/2024

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	11/09/2024	2258
7440-36-0	Antimony	1.8	JD*	11/09/2024	2258
7440-38-2	Arsenic	45	D*	11/09/2024	2258
7440-39-3	Barium	200	D	11/09/2024	2258
7440-41-7	Beryllium	0.69	JD*	11/09/2024	2258
7440-43-9	Cadmium	2.0	D*	11/09/2024	2258
7440-70-2	Calcium	2000	D	11/09/2024	2258
7440-47-3	Chromium	31	D	11/09/2024	2258
7440-48-4	Cobalt	25	D*	11/09/2024	2258
7440-50-8	Copper	170	D*	11/09/2024	2258
7439-89-6	Iron	39000	D	11/09/2024	2258
7439-92-1	Lead	57	D	11/09/2024	2258
7439-95-4	Magnesium	4800	D	11/09/2024	2258
7439-96-5	Manganese	1500	D	11/09/2024	2258
7440-02-0	Nickel	28	D*	11/09/2024	2258
7440-09-7	Potassium	2700	D	11/09/2024	2258
7782-49-2	Selenium	5.5	UD	11/09/2024	2258
7440-22-4	Silver	1.6	UD	11/09/2024	2258
7440-23-5	Sodium	790	UD	11/09/2024	2258
7440-28-0	Thallium	4.0	UD	11/09/2024	2258
7440-62-2	Vanadium	69	D	11/09/2024	2258
7440-66-6	Zinc	160	D*	11/09/2024	2258

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

Comments:

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MYE5C1

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE5B3

Matrix: SOIL Lab Sample ID: P4541-11

% Solids: 94 Date Received: 10/24/2024

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	11/09/2024	2303
7440-36-0	Antimony	1.6	JD*	11/09/2024	2303
7440-38-2	Arsenic	39	D*	11/09/2024	2303
7440-39-3	Barium	260	D	11/09/2024	2303
7440-41-7	Beryllium	0.95	JD*	11/09/2024	2303
7440-43-9	Cadmium	1.0	D*	11/09/2024	2303
7440-70-2	Calcium	4300	D	11/09/2024	2303
7440-47-3	Chromium	53	D	11/09/2024	2303
7440-48-4	Cobalt	26	D*	11/09/2024	2303
7440-50-8	Copper	130	D*	11/09/2024	2303
7439-89-6	Iron	55000	D	11/09/2024	2303
7439-92-1	Lead	56	D	11/09/2024	2303
7439-95-4	Magnesium	7200	D	11/09/2024	2303
7439-96-5	Manganese	1900	D	11/09/2024	2303
7440-02-0	Nickel	47	D*	11/09/2024	2303
7440-09-7	Potassium	2500	D	11/09/2024	2303
7782-49-2	Selenium	7.1	UD	11/09/2024	2303
7440-22-4	Silver	2.0	UD	11/09/2024	2303
7440-23-5	Sodium	220	JD	11/09/2024	2303
7440-28-0	Thallium	5.1	UD	11/09/2024	2303
7440-62-2	Vanadium	100	D	11/09/2024	2303
7440-66-6	Zinc	130	D*	11/09/2024	2303

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

Comments:

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MYE5C2

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE5B3

Matrix: SOIL Lab Sample ID: P4541-12

% Solids: 96.9 Date Received: 10/24/2024

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	11/09/2024	2307
7440-36-0	Antimony	2.6	JD*	11/09/2024	2307
7440-38-2	Arsenic	64	D*	11/09/2024	2307
7440-39-3	Barium	170	D	11/09/2024	2307
7440-41-7	Beryllium	0.71	JD*	11/09/2024	2307
7440-43-9	Cadmium	1.4	D*	11/09/2024	2307
7440-70-2	Calcium	1700	D	11/09/2024	2307
7440-47-3	Chromium	37	D	11/09/2024	2307
7440-48-4	Cobalt	21	D*	11/09/2024	2307
7440-50-8	Copper	270	D*	11/09/2024	2307
7439-89-6	Iron	48000	D	11/09/2024	2307
7439-92-1	Lead	110	D	11/09/2024	2307
7439-95-4	Magnesium	4500	D	11/09/2024	2307
7439-96-5	Manganese	1600	D	11/09/2024	2307
7440-02-0	Nickel	31	D*	11/09/2024	2307
7440-09-7	Potassium	2400	D	11/09/2024	2307
7782-49-2	Selenium	6.1	UD	11/09/2024	2307
7440-22-4	Silver	1.7	UD	11/09/2024	2307
7440-23-5	Sodium	870	UD	11/09/2024	2307
7440-28-0	Thallium	4.3	UD	11/09/2024	2307
7440-62-2	Vanadium	79	D	11/09/2024	2307
7440-66-6	Zinc	140	D*	11/09/2024	2307

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

Comments:

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MYE5C3

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE5B3

Matrix: SOIL Lab Sample ID: P4541-13

% Solids: 96.7 Date Received: 10/24/2024

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	11/09/2024	2312
7440-36-0	Antimony	2.1	JD*	11/09/2024	2312
7440-38-2	Arsenic	46	D*	11/09/2024	2312
7440-39-3	Barium	340	D	11/09/2024	2312
7440-41-7	Beryllium	0.75	JD*	11/09/2024	2312
7440-43-9	Cadmium	1.2	D*	11/09/2024	2312
7440-70-2	Calcium	2500	D	11/09/2024	2312
7440-47-3	Chromium	39	D	11/09/2024	2312
7440-48-4	Cobalt	24	D*	11/09/2024	2312
7440-50-8	Copper	180	D*	11/09/2024	2312
7439-89-6	Iron	47000	D	11/09/2024	2312
7439-92-1	Lead	63	D	11/09/2024	2312
7439-95-4	Magnesium	5400	D	11/09/2024	2312
7439-96-5	Manganese	2700	D	11/09/2024	2312
7440-02-0	Nickel	39	D*	11/09/2024	2312
7440-09-7	Potassium	2800	D	11/09/2024	2312
7782-49-2	Selenium	5.6	UD	11/09/2024	2312
7440-22-4	Silver	1.6	UD	11/09/2024	2312
7440-23-5	Sodium	200	JD	11/09/2024	2312
7440-28-0	Thallium	4.0	UD	11/09/2024	2312
7440-62-2	Vanadium	86	D	11/09/2024	2312
7440-66-6	Zinc	120	D*	11/09/2024	2312

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

Comments:

FORM 1 - IN
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MYE5C4

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE5B3

Matrix: SOIL Lab Sample ID: P4541-14

% Solids: 93.4 Date Received: 10/24/2024

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	11/09/2024	2316
7440-36-0	Antimony	10	UD*	11/09/2024	2316
7440-38-2	Arsenic	29	D*	11/09/2024	2316
7440-39-3	Barium	250	D	11/09/2024	2316
7440-41-7	Beryllium	0.92	D*	11/09/2024	2316
7440-43-9	Cadmium	0.50	JD*	11/09/2024	2316
7440-70-2	Calcium	3700	D	11/09/2024	2316
7440-47-3	Chromium	42	D	11/09/2024	2316
7440-48-4	Cobalt	23	D*	11/09/2024	2316
7440-50-8	Copper	77	D*	11/09/2024	2316
7439-89-6	Iron	45000	D	11/09/2024	2316
7439-92-1	Lead	34	D	11/09/2024	2316
7439-95-4	Magnesium	6400	D	11/09/2024	2316
7439-96-5	Manganese	1800	D	11/09/2024	2316
7440-02-0	Nickel	40	D*	11/09/2024	2316
7440-09-7	Potassium	2800	D	11/09/2024	2316
7782-49-2	Selenium	5.9	UD	11/09/2024	2316
7440-22-4	Silver	1.7	UD	11/09/2024	2316
7440-23-5	Sodium	330	JD	11/09/2024	2316
7440-28-0	Thallium	4.2	UD	11/09/2024	2316
7440-62-2	Vanadium	88	D	11/09/2024	2316
7440-66-6	Zinc	91	D*	11/09/2024	2316

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYE5C5

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE5B3

Matrix: SOIL Lab Sample ID: P4541-15

% Solids: 95.2 Date Received: 10/24/2024

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	11/09/2024	2320
7440-36-0	Antimony	2.2	JD*	11/09/2024	2320
7440-38-2	Arsenic	46	D*	11/09/2024	2320
7440-39-3	Barium	280	D	11/09/2024	2320
7440-41-7	Beryllium	0.84	JD*	11/09/2024	2320
7440-43-9	Cadmium	1.9	D*	11/09/2024	2320
7440-70-2	Calcium	4000	D	11/09/2024	2320
7440-47-3	Chromium	44	D	11/09/2024	2320
7440-48-4	Cobalt	25	D*	11/09/2024	2320
7440-50-8	Copper	230	D*	11/09/2024	2320
7439-89-6	Iron	44000	D	11/09/2024	2320
7439-92-1	Lead	98	D	11/09/2024	2320
7439-95-4	Magnesium	6300	D	11/09/2024	2320
7439-96-5	Manganese	2100	D	11/09/2024	2320
7440-02-0	Nickel	41	D*	11/09/2024	2320
7440-09-7	Potassium	3700	D	11/09/2024	2320
7782-49-2	Selenium	7.1	UD	11/09/2024	2320
7440-22-4	Silver	2.0	UD	11/09/2024	2320
7440-23-5	Sodium	1000	UD	11/09/2024	2320
7440-28-0	Thallium	5.1	UD	11/09/2024	2320
7440-62-2	Vanadium	77	D	11/09/2024	2320
7440-66-6	Zinc	190	D*	11/09/2024	2320

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

Comments:

FORM 1 - IN
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MYE5C6

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE5B3

Matrix: SOIL Lab Sample ID: P4541-16

% Solids: 95.6 Date Received: 10/24/2024

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	11/09/2024	2325
7440-36-0	Antimony	1.6	JD*	11/09/2024	2325
7440-38-2	Arsenic	43	D*	11/09/2024	2325
7440-39-3	Barium	320	D	11/09/2024	2325
7440-41-7	Beryllium	0.79	D*	11/09/2024	2325
7440-43-9	Cadmium	1.8	D*	11/09/2024	2325
7440-70-2	Calcium	3700	D	11/09/2024	2325
7440-47-3	Chromium	38	D	11/09/2024	2325
7440-48-4	Cobalt	23	D*	11/09/2024	2325
7440-50-8	Copper	210	D*	11/09/2024	2325
7439-89-6	Iron	42000	D	11/09/2024	2325
7439-92-1	Lead	88	D	11/09/2024	2325
7439-95-4	Magnesium	5600	D	11/09/2024	2325
7439-96-5	Manganese	2300	D	11/09/2024	2325
7440-02-0	Nickel	37	D*	11/09/2024	2325
7440-09-7	Potassium	3400	D	11/09/2024	2325
7782-49-2	Selenium	4.9	UD	11/09/2024	2325
7440-22-4	Silver	1.4	UD	11/09/2024	2325
7440-23-5	Sodium	140	JD	11/09/2024	2325
7440-28-0	Thallium	3.5	UD	11/09/2024	2325
7440-62-2	Vanadium	71	D	11/09/2024	2325
7440-66-6	Zinc	170	D*	11/09/2024	2325

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

Comments:

FORM 1 - IN
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MYE5C7

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE5B3

Matrix: SOIL Lab Sample ID: P4541-17

% Solids: 94.2 Date Received: 10/24/2024

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	11/09/2024	2329
7440-36-0	Antimony	1.6	JD*	11/09/2024	2329
7440-38-2	Arsenic	45	D*	11/09/2024	2329
7440-39-3	Barium	290	D	11/09/2024	2329
7440-41-7	Beryllium	0.99	D*	11/09/2024	2329
7440-43-9	Cadmium	0.88	D*	11/09/2024	2329
7440-70-2	Calcium	4000	D	11/09/2024	2329
7440-47-3	Chromium	46	D	11/09/2024	2329
7440-48-4	Cobalt	27	D*	11/09/2024	2329
7440-50-8	Copper	110	D*	11/09/2024	2329
7439-89-6	Iron	51000	D	11/09/2024	2329
7439-92-1	Lead	48	D	11/09/2024	2329
7439-95-4	Magnesium	7100	D	11/09/2024	2329
7439-96-5	Manganese	2100	D	11/09/2024	2329
7440-02-0	Nickel	51	D*	11/09/2024	2329
7440-09-7	Potassium	2200	D	11/09/2024	2329
7782-49-2	Selenium	5.2	UD	11/09/2024	2329
7440-22-4	Silver	1.5	UD	11/09/2024	2329
7440-23-5	Sodium	200	JD	11/09/2024	2329
7440-28-0	Thallium	3.7	UD	11/09/2024	2329
7440-62-2	Vanadium	98	D	11/09/2024	2329
7440-66-6	Zinc	100	D*	11/09/2024	2329

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

Comments:

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MYE5C8

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE5B3

Matrix: SOIL Lab Sample ID: P4541-18

% Solids: 91.4 Date Received: 10/24/2024

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	11/09/2024	2334
7440-36-0	Antimony	1.6	JD*	11/09/2024	2334
7440-38-2	Arsenic	36	D*	11/09/2024	2334
7440-39-3	Barium	230	D	11/09/2024	2334
7440-41-7	Beryllium	0.83	JD*	11/09/2024	2334
7440-43-9	Cadmium	0.85	JD*	11/09/2024	2334
7440-70-2	Calcium	2900	D	11/09/2024	2334
7440-47-3	Chromium	45	D	11/09/2024	2334
7440-48-4	Cobalt	25	D*	11/09/2024	2334
7440-50-8	Copper	110	D*	11/09/2024	2334
7439-89-6	Iron	55000	D	11/09/2024	2334
7439-92-1	Lead	48	D	11/09/2024	2334
7439-95-4	Magnesium	6400	D	11/09/2024	2334
7439-96-5	Manganese	2000	D	11/09/2024	2334
7440-02-0	Nickel	46	D*	11/09/2024	2334
7440-09-7	Potassium	3100	D	11/09/2024	2334
7782-49-2	Selenium	6.4	UD	11/09/2024	2334
7440-22-4	Silver	1.8	UD	11/09/2024	2334
7440-23-5	Sodium	400	JD	11/09/2024	2334
7440-28-0	Thallium	4.6	UD	11/09/2024	2334
7440-62-2	Vanadium	110	D	11/09/2024	2334
7440-66-6	Zinc	130	D*	11/09/2024	2334

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

Comments:

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MYE5C9

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE5B3

Matrix: SOIL Lab Sample ID: P4541-19

% Solids: 93.2 Date Received: 10/24/2024

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	11/09/2024	2338
7440-36-0	Antimony	1.4	JD*	11/09/2024	2338
7440-38-2	Arsenic	34	D*	11/09/2024	2338
7440-39-3	Barium	250	D	11/09/2024	2338
7440-41-7	Beryllium	1.0	D*	11/09/2024	2338
7440-43-9	Cadmium	0.51	JD*	11/09/2024	2338
7440-70-2	Calcium	3700	D	11/09/2024	2338
7440-47-3	Chromium	55	D	11/09/2024	2338
7440-48-4	Cobalt	23	D*	11/09/2024	2338
7440-50-8	Copper	68	D*	11/09/2024	2338
7439-89-6	Iron	49000	D	11/09/2024	2338
7439-92-1	Lead	34	D	11/09/2024	2338
7439-95-4	Magnesium	6400	D	11/09/2024	2338
7439-96-5	Manganese	1700	D	11/09/2024	2338
7440-02-0	Nickel	45	D*	11/09/2024	2338
7440-09-7	Potassium	2800	D	11/09/2024	2338
7782-49-2	Selenium	6.2	UD	11/09/2024	2338
7440-22-4	Silver	1.8	UD	11/09/2024	2338
7440-23-5	Sodium	880	UD	11/09/2024	2338
7440-28-0	Thallium	4.4	UD	11/09/2024	2338
7440-62-2	Vanadium	98	D	11/09/2024	2338
7440-66-6	Zinc	88	D*	11/09/2024	2338

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

Comments:

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MYE5D0

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE5B3

Matrix: SOIL Lab Sample ID: P4541-20

% Solids: 92.1 Date Received: 10/24/2024

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	11/13/2024	0416
7440-36-0	Antimony	1.5	JD*	11/13/2024	0416
7440-38-2	Arsenic	44	D*	11/13/2024	0416
7440-39-3	Barium	330	D	11/13/2024	0416
7440-41-7	Beryllium	0.67	JD*	11/13/2024	0416
7440-43-9	Cadmium	2.3	D*	11/13/2024	0416
7440-70-2	Calcium	4700	D	11/13/2024	0416
7440-47-3	Chromium	49	D	11/13/2024	0416
7440-48-4	Cobalt	33	D*	11/13/2024	0416
7440-50-8	Copper	66	D*	11/13/2024	0416
7439-89-6	Iron	52000	D	11/13/2024	0416
7439-92-1	Lead	27	D	11/13/2024	0416
7439-95-4	Magnesium	8500	D	11/13/2024	0416
7439-96-5	Manganese	6800	D	11/13/2024	0425
7440-02-0	Nickel	53	D*	11/13/2024	0416
7440-09-7	Potassium	2700	D	11/13/2024	0416
7782-49-2	Selenium	5.3	UD	11/13/2024	0416
7440-22-4	Silver	1.5	UD	11/13/2024	0416
7440-23-5	Sodium	310	JD	11/13/2024	0416
7440-28-0	Thallium	3.0	JD	11/13/2024	0416
7440-62-2	Vanadium	110	D	11/13/2024	0416
7440-66-6	Zinc	83	D*	11/13/2024	0416

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

Comments:

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MYE5D1

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE5B3

Matrix: SOIL Lab Sample ID: P4541-21

% Solids: 92.5 Date Received: 10/24/2024

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	11/09/2024	2356
7440-36-0	Antimony	1.9	JD*	11/09/2024	2356
7440-38-2	Arsenic	37	D*	11/09/2024	2356
7440-39-3	Barium	270	D	11/09/2024	2356
7440-41-7	Beryllium	0.96	D*	11/09/2024	2356
7440-43-9	Cadmium	0.70	JD*	11/09/2024	2356
7440-70-2	Calcium	3800	D	11/09/2024	2356
7440-47-3	Chromium	46	D	11/09/2024	2356
7440-48-4	Cobalt	24	D*	11/09/2024	2356
7440-50-8	Copper	100	D*	11/09/2024	2356
7439-89-6	Iron	51000	D	11/09/2024	2356
7439-92-1	Lead	43	D	11/09/2024	2356
7439-95-4	Magnesium	6500	D	11/09/2024	2356
7439-96-5	Manganese	2000	D	11/09/2024	2356
7440-02-0	Nickel	44	D*	11/09/2024	2356
7440-09-7	Potassium	3000	D	11/09/2024	2356
7782-49-2	Selenium	6.6	UD	11/09/2024	2356
7440-22-4	Silver	1.9	UD	11/09/2024	2356
7440-23-5	Sodium	950	UD	11/09/2024	2356
7440-28-0	Thallium	4.7	UD	11/09/2024	2356
7440-62-2	Vanadium	94	D	11/09/2024	2356
7440-66-6	Zinc	99	D*	11/09/2024	2356

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

Comments:

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MYE5D2

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE5B3

Matrix: SOIL Lab Sample ID: P4541-22

% Solids: 96.5 Date Received: 10/24/2024

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	11/10/2024	0000
7440-36-0	Antimony	1.5	JD*	11/10/2024	0000
7440-38-2	Arsenic	61	D*	11/10/2024	0000
7440-39-3	Barium	310	D	11/10/2024	0000
7440-41-7	Beryllium	0.71	JD*	11/10/2024	0000
7440-43-9	Cadmium	1.8	D*	11/10/2024	0000
7440-70-2	Calcium	2200	D	11/10/2024	0000
7440-47-3	Chromium	36	D	11/10/2024	0000
7440-48-4	Cobalt	26	D*	11/10/2024	0000
7440-50-8	Copper	250	D*	11/10/2024	0000
7439-89-6	Iron	45000	D	11/10/2024	0000
7439-92-1	Lead	93	D	11/10/2024	0000
7439-95-4	Magnesium	4900	D	11/10/2024	0000
7439-96-5	Manganese	2800	D	11/10/2024	0000
7440-02-0	Nickel	35	D*	11/10/2024	0000
7440-09-7	Potassium	2900	D	11/10/2024	0000
7782-49-2	Selenium	5.8	UD	11/10/2024	0000
7440-22-4	Silver	1.7	UD	11/10/2024	0000
7440-23-5	Sodium	830	UD	11/10/2024	0000
7440-28-0	Thallium	4.2	UD	11/10/2024	0000
7440-62-2	Vanadium	78	D	11/10/2024	0000
7440-66-6	Zinc	140	D*	11/10/2024	0000

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

Comments: