

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYE516

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE516

Matrix: SOIL Lab Sample ID: P4569-01

% Solids: 95.6 Date Received: 10/25/2024

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	11/10/2024	0427
7440-36-0	Antimony	2.7	JD	11/10/2024	0427
7440-38-2	Arsenic	48	D*	11/10/2024	0427
7440-39-3	Barium	310	D	11/10/2024	0427
7440-41-7	Beryllium	0.97	D	11/10/2024	0427
7440-43-9	Cadmium	1.8	D	11/10/2024	0427
7440-70-2	Calcium	4700	D	11/10/2024	0427
7440-47-3	Chromium	49	D	11/10/2024	0427
7440-48-4	Cobalt	33	D	11/10/2024	0427
7440-50-8	Copper	170	D*	11/10/2024	0427
7439-89-6	Iron	55000	D	11/10/2024	0427
7439-92-1	Lead	74	D	11/10/2024	0427
7439-95-4	Magnesium	9400	D	11/10/2024	0427
7439-96-5	Manganese	1400	D	11/10/2024	0427
7440-02-0	Nickel	59	D	11/10/2024	0427
7440-09-7	Potassium	4000	D	11/10/2024	0427
7782-49-2	Selenium	6.5	UD	11/10/2024	0427
7440-22-4	Silver	1.9	UD	11/10/2024	0427
7440-23-5	Sodium	210	JD	11/10/2024	0427
7440-28-0	Thallium	4.6	UD	11/10/2024	0427
7440-62-2	Vanadium	100	D	11/10/2024	0427
7440-66-6	Zinc	200	D*	11/10/2024	0427

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

Comments:

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MYE517

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE516

Matrix: SOIL Lab Sample ID: P4569-02

% Solids: 95.9 Date Received: 10/25/2024

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	11/10/2024	0431
7440-36-0	Antimony	2.4	JD	11/10/2024	0431
7440-38-2	Arsenic	46	D*	11/10/2024	0431
7440-39-3	Barium	230	D	11/10/2024	0431
7440-41-7	Beryllium	0.96	D	11/10/2024	0431
7440-43-9	Cadmium	0.81	D	11/10/2024	0431
7440-70-2	Calcium	4000	D	11/10/2024	0431
7440-47-3	Chromium	45	D	11/10/2024	0431
7440-48-4	Cobalt	25	D	11/10/2024	0431
7440-50-8	Copper	89	D*	11/10/2024	0431
7439-89-6	Iron	52000	D	11/10/2024	0431
7439-92-1	Lead	36	D	11/10/2024	0431
7439-95-4	Magnesium	6900	D	11/10/2024	0431
7439-96-5	Manganese	1100	D	11/10/2024	0431
7440-02-0	Nickel	48	D	11/10/2024	0431
7440-09-7	Potassium	3300	D	11/10/2024	0431
7782-49-2	Selenium	5.7	UD	11/10/2024	0431
7440-22-4	Silver	1.6	UD	11/10/2024	0431
7440-23-5	Sodium	200	JD	11/10/2024	0431
7440-28-0	Thallium	4.0	UD	11/10/2024	0431
7440-62-2	Vanadium	100	D	11/10/2024	0431
7440-66-6	Zinc	110	D*	11/10/2024	0431

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

Comments:

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MYE518

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE516

Matrix: SOIL Lab Sample ID: P4569-03

% Solids: 96 Date Received: 10/25/2024

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	11/10/2024	0444
7440-36-0	Antimony	1.5	JD	11/10/2024	0444
7440-38-2	Arsenic	42	D*	11/10/2024	0444
7440-39-3	Barium	250	D	11/10/2024	0444
7440-41-7	Beryllium	0.99	D	11/10/2024	0444
7440-43-9	Cadmium	0.89	D	11/10/2024	0444
7440-70-2	Calcium	20000	D	11/10/2024	0444
7440-47-3	Chromium	47	D	11/10/2024	0444
7440-48-4	Cobalt	26	D	11/10/2024	0444
7440-50-8	Copper	91	D*	11/10/2024	0444
7439-89-6	Iron	43000	D	11/10/2024	0444
7439-92-1	Lead	36	D	11/10/2024	0444
7439-95-4	Magnesium	9000	D	11/10/2024	0444
7439-96-5	Manganese	1100	D	11/10/2024	0444
7440-02-0	Nickel	56	D	11/10/2024	0444
7440-09-7	Potassium	3900	D	11/10/2024	0444
7782-49-2	Selenium	5.1	UD	11/10/2024	0444
7440-22-4	Silver	1.5	UD	11/10/2024	0444
7440-23-5	Sodium	190	JD	11/10/2024	0444
7440-28-0	Thallium	3.6	UD	11/10/2024	0444
7440-62-2	Vanadium	79	D	11/10/2024	0444
7440-66-6	Zinc	110	D*	11/10/2024	0444

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

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MYE519

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE516

Matrix: SOIL Lab Sample ID: P4569-04

% Solids: 98.4 Date Received: 10/25/2024

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	11/10/2024	0449
7440-36-0	Antimony	2.5	JD	11/10/2024	0449
7440-38-2	Arsenic	68	D*	11/10/2024	0449
7440-39-3	Barium	220	D	11/10/2024	0449
7440-41-7	Beryllium	0.90	D	11/10/2024	0449
7440-43-9	Cadmium	1.7	D	11/10/2024	0449
7440-70-2	Calcium	2900	D	11/10/2024	0449
7440-47-3	Chromium	43	D	11/10/2024	0449
7440-48-4	Cobalt	28	D	11/10/2024	0449
7440-50-8	Copper	190	D*	11/10/2024	0449
7439-89-6	Iron	57000	D	11/10/2024	0449
7439-92-1	Lead	82	D	11/10/2024	0449
7439-95-4	Magnesium	8200	D	11/10/2024	0449
7439-96-5	Manganese	1100	D	11/10/2024	0449
7440-02-0	Nickel	50	D	11/10/2024	0449
7440-09-7	Potassium	3000	D	11/10/2024	0449
7782-49-2	Selenium	6.0	UD	11/10/2024	0449
7440-22-4	Silver	1.7	UD	11/10/2024	0449
7440-23-5	Sodium	260	JD	11/10/2024	0449
7440-28-0	Thallium	4.3	UD	11/10/2024	0449
7440-62-2	Vanadium	120	D	11/10/2024	0449
7440-66-6	Zinc	170	D*	11/10/2024	0449

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

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MYE520

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE516

Matrix: SOIL Lab Sample ID: P4569-07

% Solids: 96.8 Date Received: 10/25/2024

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	11/10/2024	0507
7440-36-0	Antimony	2.0	JD	11/10/2024	0507
7440-38-2	Arsenic	43	D*	11/10/2024	0507
7440-39-3	Barium	290	D	11/10/2024	0507
7440-41-7	Beryllium	0.92	D	11/10/2024	0507
7440-43-9	Cadmium	1.4	D	11/10/2024	0507
7440-70-2	Calcium	4800	D	11/10/2024	0507
7440-47-3	Chromium	42	D	11/10/2024	0507
7440-48-4	Cobalt	26	D	11/10/2024	0507
7440-50-8	Copper	130	D*	11/10/2024	0507
7439-89-6	Iron	44000	D	11/10/2024	0507
7439-92-1	Lead	59	D	11/10/2024	0507
7439-95-4	Magnesium	8000	D	11/10/2024	0507
7439-96-5	Manganese	1200	D	11/10/2024	0507
7440-02-0	Nickel	48	D	11/10/2024	0507
7440-09-7	Potassium	4000	D	11/10/2024	0507
7782-49-2	Selenium	6.2	UD	11/10/2024	0507
7440-22-4	Silver	1.8	UD	11/10/2024	0507
7440-23-5	Sodium	890	UD	11/10/2024	0507
7440-28-0	Thallium	4.5	UD	11/10/2024	0507
7440-62-2	Vanadium	82	D	11/10/2024	0507
7440-66-6	Zinc	160	D*	11/10/2024	0507

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

Comments:

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MYE521

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE516

Matrix: SOIL Lab Sample ID: P4569-08

% Solids: 97.7 Date Received: 10/25/2024

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	11/10/2024	0511
7440-36-0	Antimony	1.7	JD	11/10/2024	0511
7440-38-2	Arsenic	37	D*	11/10/2024	0511
7440-39-3	Barium	140	D	11/10/2024	0511
7440-41-7	Beryllium	0.52	JD	11/10/2024	0511
7440-43-9	Cadmium	0.77	D	11/10/2024	0511
7440-70-2	Calcium	2100	D	11/10/2024	0511
7440-47-3	Chromium	24	D	11/10/2024	0511
7440-48-4	Cobalt	15	D	11/10/2024	0511
7440-50-8	Copper	86	D*	11/10/2024	0511
7439-89-6	Iron	29000	D	11/10/2024	0511
7439-92-1	Lead	39	D	11/10/2024	0511
7439-95-4	Magnesium	4400	D	11/10/2024	0511
7439-96-5	Manganese	730	D	11/10/2024	0511
7440-02-0	Nickel	28	D	11/10/2024	0511
7440-09-7	Potassium	2000	D	11/10/2024	0511
7782-49-2	Selenium	5.0	UD	11/10/2024	0511
7440-22-4	Silver	1.4	UD	11/10/2024	0511
7440-23-5	Sodium	150	JD	11/10/2024	0511
7440-28-0	Thallium	3.6	UD	11/10/2024	0511
7440-62-2	Vanadium	56	D	11/10/2024	0511
7440-66-6	Zinc	90	D*	11/10/2024	0511

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

Comments:

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MYE522

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE516

Matrix: SOIL Lab Sample ID: P4569-09

% Solids: 93.9 Date Received: 10/25/2024

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	11/10/2024	0515
7440-36-0	Antimony	1.8	JD	11/10/2024	0515
7440-38-2	Arsenic	56	D*	11/10/2024	0515
7440-39-3	Barium	230	D	11/10/2024	0515
7440-41-7	Beryllium	0.89	D	11/10/2024	0515
7440-43-9	Cadmium	0.34	JD	11/10/2024	0515
7440-70-2	Calcium	54000	D	11/10/2024	0515
7440-47-3	Chromium	49	D	11/10/2024	0515
7440-48-4	Cobalt	28	D	11/10/2024	0515
7440-50-8	Copper	52	D*	11/10/2024	0515
7439-89-6	Iron	46000	D	11/10/2024	0515
7439-92-1	Lead	18	D	11/10/2024	0515
7439-95-4	Magnesium	10000	D	11/10/2024	0515
7439-96-5	Manganese	1100	D	11/10/2024	0515
7440-02-0	Nickel	64	D	11/10/2024	0515
7440-09-7	Potassium	2300	D	11/10/2024	0515
7782-49-2	Selenium	5.4	UD	11/10/2024	0515
7440-22-4	Silver	1.6	UD	11/10/2024	0515
7440-23-5	Sodium	200	JD	11/10/2024	0515
7440-28-0	Thallium	3.9	UD	11/10/2024	0515
7440-62-2	Vanadium	85	D	11/10/2024	0515
7440-66-6	Zinc	78	D*	11/10/2024	0515

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

Comments:

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MYE523

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE516

Matrix: SOIL Lab Sample ID: P4569-10

% Solids: 98 Date Received: 10/25/2024

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	11/10/2024	0520
7440-36-0	Antimony	2.9	JD	11/10/2024	0520
7440-38-2	Arsenic	66	D*	11/10/2024	0520
7440-39-3	Barium	200	D	11/10/2024	0520
7440-41-7	Beryllium	0.99	D	11/10/2024	0520
7440-43-9	Cadmium	1.6	D	11/10/2024	0520
7440-70-2	Calcium	2300	D	11/10/2024	0520
7440-47-3	Chromium	42	D	11/10/2024	0520
7440-48-4	Cobalt	29	D	11/10/2024	0520
7440-50-8	Copper	180	D*	11/10/2024	0520
7439-89-6	Iron	60000	D	11/10/2024	0520
7439-92-1	Lead	75	D	11/10/2024	0520
7439-95-4	Magnesium	7000	D	11/10/2024	0520
7439-96-5	Manganese	1300	D	11/10/2024	0520
7440-02-0	Nickel	48	D	11/10/2024	0520
7440-09-7	Potassium	3000	D	11/10/2024	0520
7782-49-2	Selenium	5.5	UD	11/10/2024	0520
7440-22-4	Silver	1.6	UD	11/10/2024	0520
7440-23-5	Sodium	210	JD	11/10/2024	0520
7440-28-0	Thallium	4.0	UD	11/10/2024	0520
7440-62-2	Vanadium	120	D	11/10/2024	0520
7440-66-6	Zinc	150	D*	11/10/2024	0520

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

Comments:

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MYE524

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE516

Matrix: SOIL Lab Sample ID: P4569-11

% Solids: 97.3 Date Received: 10/25/2024

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	11/10/2024	0524
7440-36-0	Antimony	1.4	JD	11/10/2024	0524
7440-38-2	Arsenic	9.9	D*	11/10/2024	0524
7440-39-3	Barium	140	D	11/10/2024	0524
7440-41-7	Beryllium	0.60	JD	11/10/2024	0524
7440-43-9	Cadmium	0.23	JD	11/10/2024	0524
7440-70-2	Calcium	4600	D	11/10/2024	0524
7440-47-3	Chromium	36	D	11/10/2024	0524
7440-48-4	Cobalt	19	D	11/10/2024	0524
7440-50-8	Copper	45	D*	11/10/2024	0524
7439-89-6	Iron	36000	D	11/10/2024	0524
7439-92-1	Lead	19	D	11/10/2024	0524
7439-95-4	Magnesium	5900	D	11/10/2024	0524
7439-96-5	Manganese	700	D	11/10/2024	0524
7440-02-0	Nickel	30	D	11/10/2024	0524
7440-09-7	Potassium	1800	D	11/10/2024	0524
7782-49-2	Selenium	6.0	UD	11/10/2024	0524
7440-22-4	Silver	1.7	UD	11/10/2024	0524
7440-23-5	Sodium	230	JD	11/10/2024	0524
7440-28-0	Thallium	4.3	UD	11/10/2024	0524
7440-62-2	Vanadium	87	D	11/10/2024	0524
7440-66-6	Zinc	65	D*	11/10/2024	0524

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

Comments:

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MYE525

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE516

Matrix: SOIL Lab Sample ID: P4569-12

% Solids: 97.5 Date Received: 10/25/2024

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	11/10/2024	0529
7440-36-0	Antimony	1.1	JD	11/10/2024	0529
7440-38-2	Arsenic	54	D*	11/10/2024	0529
7440-39-3	Barium	230	D	11/10/2024	0529
7440-41-7	Beryllium	0.90	JD	11/10/2024	0529
7440-43-9	Cadmium	0.44	JD	11/10/2024	0529
7440-70-2	Calcium	59000	D	11/10/2024	0529
7440-47-3	Chromium	39	D	11/10/2024	0529
7440-48-4	Cobalt	23	D	11/10/2024	0529
7440-50-8	Copper	67	D*	11/10/2024	0529
7439-89-6	Iron	44000	D	11/10/2024	0529
7439-92-1	Lead	27	D	11/10/2024	0529
7439-95-4	Magnesium	8000	D	11/10/2024	0529
7439-96-5	Manganese	1100	D	11/10/2024	0529
7440-02-0	Nickel	48	D	11/10/2024	0529
7440-09-7	Potassium	3600	D	11/10/2024	0529
7782-49-2	Selenium	6.4	UD	11/10/2024	0529
7440-22-4	Silver	1.8	UD	11/10/2024	0529
7440-23-5	Sodium	190	JD	11/10/2024	0529
7440-28-0	Thallium	4.6	UD	11/10/2024	0529
7440-62-2	Vanadium	84	D	11/10/2024	0529
7440-66-6	Zinc	86	D*	11/10/2024	0529

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

Comments:

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MYE526

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE516

Matrix: SOIL Lab Sample ID: P4569-13

% Solids: 96.6 Date Received: 10/25/2024

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	11/10/2024	0533
7440-36-0	Antimony	2.5	JD	11/10/2024	0533
7440-38-2	Arsenic	48	D*	11/10/2024	0533
7440-39-3	Barium	210	D	11/10/2024	0533
7440-41-7	Beryllium	0.90	D	11/10/2024	0533
7440-43-9	Cadmium	1.1	D	11/10/2024	0533
7440-70-2	Calcium	16000	D	11/10/2024	0533
7440-47-3	Chromium	45	D	11/10/2024	0533
7440-48-4	Cobalt	24	D	11/10/2024	0533
7440-50-8	Copper	140	D*	11/10/2024	0533
7439-89-6	Iron	44000	D	11/10/2024	0533
7439-92-1	Lead	52	D	11/10/2024	0533
7439-95-4	Magnesium	8400	D	11/10/2024	0533
7439-96-5	Manganese	1200	D	11/10/2024	0533
7440-02-0	Nickel	51	D	11/10/2024	0533
7440-09-7	Potassium	4100	D	11/10/2024	0533
7782-49-2	Selenium	6.3	UD	11/10/2024	0533
7440-22-4	Silver	1.8	UD	11/10/2024	0533
7440-23-5	Sodium	900	UD	11/10/2024	0533
7440-28-0	Thallium	4.5	UD	11/10/2024	0533
7440-62-2	Vanadium	80	D	11/10/2024	0533
7440-66-6	Zinc	140	D*	11/10/2024	0533

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYE527

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE516

Matrix: SOIL Lab Sample ID: P4569-14

% Solids: 95 Date Received: 10/25/2024

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	11/10/2024	0538
7440-36-0	Antimony	2.1	JD	11/10/2024	0538
7440-38-2	Arsenic	52	D*	11/10/2024	0538
7440-39-3	Barium	220	D	11/10/2024	0538
7440-41-7	Beryllium	1.2	D	11/10/2024	0538
7440-43-9	Cadmium	0.19	JD	11/10/2024	0538
7440-70-2	Calcium	4800	D	11/10/2024	0538
7440-47-3	Chromium	45	D	11/10/2024	0538
7440-48-4	Cobalt	24	D	11/10/2024	0538
7440-50-8	Copper	51	D*	11/10/2024	0538
7439-89-6	Iron	51000	D	11/10/2024	0538
7439-92-1	Lead	21	D	11/10/2024	0538
7439-95-4	Magnesium	8000	D	11/10/2024	0538
7439-96-5	Manganese	1000	D	11/10/2024	0538
7440-02-0	Nickel	52	D	11/10/2024	0538
7440-09-7	Potassium	2800	D	11/10/2024	0538
7782-49-2	Selenium	6.5	UD	11/10/2024	0538
7440-22-4	Silver	1.9	UD	11/10/2024	0538
7440-23-5	Sodium	180	JD	11/10/2024	0538
7440-28-0	Thallium	4.6	UD	11/10/2024	0538
7440-62-2	Vanadium	100	D	11/10/2024	0538
7440-66-6	Zinc	73	D*	11/10/2024	0538

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYE528

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE516

Matrix: SOIL Lab Sample ID: P4569-15

% Solids: 95 Date Received: 10/25/2024

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	11/10/2024	0542
7440-36-0	Antimony	1.5	JD	11/10/2024	0542
7440-38-2	Arsenic	45	D*	11/10/2024	0542
7440-39-3	Barium	210	D	11/10/2024	0542
7440-41-7	Beryllium	0.99	D	11/10/2024	0542
7440-43-9	Cadmium	0.43	JD	11/10/2024	0542
7440-70-2	Calcium	18000	D	11/10/2024	0542
7440-47-3	Chromium	45	D	11/10/2024	0542
7440-48-4	Cobalt	29	D	11/10/2024	0542
7440-50-8	Copper	60	D*	11/10/2024	0542
7439-89-6	Iron	46000	D	11/10/2024	0542
7439-92-1	Lead	25	D	11/10/2024	0542
7439-95-4	Magnesium	8500	D	11/10/2024	0542
7439-96-5	Manganese	1100	D	11/10/2024	0542
7440-02-0	Nickel	54	D	11/10/2024	0542
7440-09-7	Potassium	3500	D	11/10/2024	0542
7782-49-2	Selenium	5.5	UD	11/10/2024	0542
7440-22-4	Silver	1.6	UD	11/10/2024	0542
7440-23-5	Sodium	180	JD	11/10/2024	0542
7440-28-0	Thallium	4.0	UD	11/10/2024	0542
7440-62-2	Vanadium	82	D	11/10/2024	0542
7440-66-6	Zinc	94	D*	11/10/2024	0542

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYE529

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE516

Matrix: SOIL Lab Sample ID: P4569-16

% Solids: 94.2 Date Received: 10/25/2024

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	11/10/2024	0547
7440-36-0	Antimony	1.6	JD	11/10/2024	0547
7440-38-2	Arsenic	34	D*	11/10/2024	0547
7440-39-3	Barium	230	D	11/10/2024	0547
7440-41-7	Beryllium	0.95	JD	11/10/2024	0547
7440-43-9	Cadmium	0.43	JD	11/10/2024	0547
7440-70-2	Calcium	12000	D	11/10/2024	0547
7440-47-3	Chromium	46	D	11/10/2024	0547
7440-48-4	Cobalt	25	D	11/10/2024	0547
7440-50-8	Copper	72	D*	11/10/2024	0547
7439-89-6	Iron	47000	D	11/10/2024	0547
7439-92-1	Lead	30	D	11/10/2024	0547
7439-95-4	Magnesium	8700	D	11/10/2024	0547
7439-96-5	Manganese	1200	D	11/10/2024	0547
7440-02-0	Nickel	55	D	11/10/2024	0547
7440-09-7	Potassium	4000	D	11/10/2024	0547
7782-49-2	Selenium	6.9	UD	11/10/2024	0547
7440-22-4	Silver	2.0	UD	11/10/2024	0547
7440-23-5	Sodium	980	UD	11/10/2024	0547
7440-28-0	Thallium	4.9	UD	11/10/2024	0547
7440-62-2	Vanadium	86	D	11/10/2024	0547
7440-66-6	Zinc	100	D*	11/10/2024	0547

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYE530

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE516

Matrix: SOIL Lab Sample ID: P4569-17

% Solids: 96.9 Date Received: 10/25/2024

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	11/10/2024	0551
7440-36-0	Antimony	1.7	JD	11/10/2024	0551
7440-38-2	Arsenic	55	D*	11/10/2024	0551
7440-39-3	Barium	220	D	11/10/2024	0551
7440-41-7	Beryllium	0.95	D	11/10/2024	0551
7440-43-9	Cadmium	0.84	JD	11/10/2024	0551
7440-70-2	Calcium	6400	D	11/10/2024	0551
7440-47-3	Chromium	43	D	11/10/2024	0551
7440-48-4	Cobalt	26	D	11/10/2024	0551
7440-50-8	Copper	120	D*	11/10/2024	0551
7439-89-6	Iron	47000	D	11/10/2024	0551
7439-92-1	Lead	44	D	11/10/2024	0551
7439-95-4	Magnesium	8600	D	11/10/2024	0551
7439-96-5	Manganese	1200	D	11/10/2024	0551
7440-02-0	Nickel	56	D	11/10/2024	0551
7440-09-7	Potassium	3200	D	11/10/2024	0551
7782-49-2	Selenium	6.1	UD	11/10/2024	0551
7440-22-4	Silver	1.7	UD	11/10/2024	0551
7440-23-5	Sodium	190	JD	11/10/2024	0551
7440-28-0	Thallium	4.3	UD	11/10/2024	0551
7440-62-2	Vanadium	91	D	11/10/2024	0551
7440-66-6	Zinc	110	D*	11/10/2024	0551

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYE532

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE516

Matrix: SOIL Lab Sample ID: P4569-18

% Solids: 97.1 Date Received: 10/25/2024

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	11/10/2024	0555
7440-36-0	Antimony	1.3	JD	11/10/2024	0555
7440-38-2	Arsenic	44	D*	11/10/2024	0555
7440-39-3	Barium	290	D	11/10/2024	0555
7440-41-7	Beryllium	0.85	JD	11/10/2024	0555
7440-43-9	Cadmium	1.3	D	11/10/2024	0555
7440-70-2	Calcium	4700	D	11/10/2024	0555
7440-47-3	Chromium	40	D	11/10/2024	0555
7440-48-4	Cobalt	31	D	11/10/2024	0555
7440-50-8	Copper	140	D*	11/10/2024	0555
7439-89-6	Iron	43000	D	11/10/2024	0555
7439-92-1	Lead	57	D	11/10/2024	0555
7439-95-4	Magnesium	7000	D	11/10/2024	0555
7439-96-5	Manganese	2200	D	11/10/2024	0555
7440-02-0	Nickel	49	D	11/10/2024	0555
7440-09-7	Potassium	3600	D	11/10/2024	0555
7782-49-2	Selenium	6.2	UD	11/10/2024	0555
7440-22-4	Silver	1.8	UD	11/10/2024	0555
7440-23-5	Sodium	220	JD	11/10/2024	0555
7440-28-0	Thallium	4.4	UD	11/10/2024	0555
7440-62-2	Vanadium	77	D	11/10/2024	0555
7440-66-6	Zinc	140	D*	11/10/2024	0555

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYE533

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE516

Matrix: SOIL Lab Sample ID: P4569-19

% Solids: 94.6 Date Received: 10/25/2024

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	11/10/2024	0600
7440-36-0	Antimony	1.4	JD	11/10/2024	0600
7440-38-2	Arsenic	17	D*	11/10/2024	0600
7440-39-3	Barium	140	D	11/10/2024	0600
7440-41-7	Beryllium	0.61	JD	11/10/2024	0600
7440-43-9	Cadmium	0.091	JD	11/10/2024	0600
7440-70-2	Calcium	21000	D	11/10/2024	0600
7440-47-3	Chromium	64	D	11/10/2024	0600
7440-48-4	Cobalt	16	D	11/10/2024	0600
7440-50-8	Copper	37	D*	11/10/2024	0600
7439-89-6	Iron	30000	D	11/10/2024	0600
7439-92-1	Lead	12	D	11/10/2024	0600
7439-95-4	Magnesium	7700	D	11/10/2024	0600
7439-96-5	Manganese	680	D	11/10/2024	0600
7440-02-0	Nickel	47	D	11/10/2024	0600
7440-09-7	Potassium	1800	D	11/10/2024	0600
7782-49-2	Selenium	5.8	UD	11/10/2024	0600
7440-22-4	Silver	1.7	UD	11/10/2024	0600
7440-23-5	Sodium	200	JD	11/10/2024	0600
7440-28-0	Thallium	4.2	UD	11/10/2024	0600
7440-62-2	Vanadium	49	D	11/10/2024	0600
7440-66-6	Zinc	64	D*	11/10/2024	0600

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYE534

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE516

Matrix: SOIL Lab Sample ID: P4569-20

% Solids: 95 Date Received: 10/25/2024

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	11/10/2024	0604
7440-36-0	Antimony	2.0	JD	11/10/2024	0604
7440-38-2	Arsenic	22	D*	11/10/2024	0604
7440-39-3	Barium	100	D	11/10/2024	0604
7440-41-7	Beryllium	0.44	JD	11/10/2024	0604
7440-43-9	Cadmium	0.62	JD	11/10/2024	0604
7440-70-2	Calcium	4600	D	11/10/2024	0604
7440-47-3	Chromium	19	D	11/10/2024	0604
7440-48-4	Cobalt	11	D	11/10/2024	0604
7440-50-8	Copper	81	D*	11/10/2024	0604
7439-89-6	Iron	25000	D	11/10/2024	0604
7439-92-1	Lead	33	D	11/10/2024	0604
7439-95-4	Magnesium	4600	D	11/10/2024	0604
7439-96-5	Manganese	560	D	11/10/2024	0604
7440-02-0	Nickel	18	D	11/10/2024	0604
7440-09-7	Potassium	2500	D	11/10/2024	0604
7782-49-2	Selenium	6.2	UD	11/10/2024	0604
7440-22-4	Silver	1.8	UD	11/10/2024	0604
7440-23-5	Sodium	890	UD	11/10/2024	0604
7440-28-0	Thallium	4.4	UD	11/10/2024	0604
7440-62-2	Vanadium	38	D	11/10/2024	0604
7440-66-6	Zinc	130	D*	11/10/2024	0604

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYE535

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE516

Matrix: SOIL Lab Sample ID: P4569-21

% Solids: 97.5 Date Received: 10/25/2024

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	11/10/2024	0609
7440-36-0	Antimony	0.97	JD	11/10/2024	0609
7440-38-2	Arsenic	68	D*	11/10/2024	0609
7440-39-3	Barium	170	D	11/10/2024	0609
7440-41-7	Beryllium	0.63	JD	11/10/2024	0609
7440-43-9	Cadmium	0.20	JD	11/10/2024	0609
7440-70-2	Calcium	34000	D	11/10/2024	0609
7440-47-3	Chromium	42	D	11/10/2024	0609
7440-48-4	Cobalt	16	D	11/10/2024	0609
7440-50-8	Copper	70	D*	11/10/2024	0609
7439-89-6	Iron	32000	D	11/10/2024	0609
7439-92-1	Lead	23	D	11/10/2024	0609
7439-95-4	Magnesium	8600	D	11/10/2024	0609
7439-96-5	Manganese	840	D	11/10/2024	0609
7440-02-0	Nickel	48	D	11/10/2024	0609
7440-09-7	Potassium	2000	D	11/10/2024	0609
7782-49-2	Selenium	6.0	UD	11/10/2024	0609
7440-22-4	Silver	1.7	UD	11/10/2024	0609
7440-23-5	Sodium	670	JD	11/10/2024	0609
7440-28-0	Thallium	4.3	UD	11/10/2024	0609
7440-62-2	Vanadium	59	D	11/10/2024	0609
7440-66-6	Zinc	120	D*	11/10/2024	0609

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYE536

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE516

Matrix: SOIL Lab Sample ID: P4569-22

% Solids: 97.3 Date Received: 10/25/2024

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	11/11/2024	0123
7440-36-0	Antimony	1.0	JD	11/11/2024	0123
7440-38-2	Arsenic	29	D*	11/11/2024	0123
7440-39-3	Barium	120	D	11/11/2024	0123
7440-41-7	Beryllium	0.63	JD	11/11/2024	0123
7440-43-9	Cadmium	1.2	D	11/11/2024	0123
7440-70-2	Calcium	2100	D	11/11/2024	0123
7440-47-3	Chromium	23	D	11/11/2024	0123
7440-48-4	Cobalt	16	D	11/11/2024	0123
7440-50-8	Copper	85	D*	11/11/2024	0123
7439-89-6	Iron	30000	D	11/11/2024	0123
7439-92-1	Lead	33	D	11/11/2024	0123
7439-95-4	Magnesium	4700	D	11/11/2024	0123
7439-96-5	Manganese	680	D	11/11/2024	0123
7440-02-0	Nickel	25	D	11/11/2024	0123
7440-09-7	Potassium	2700	D	11/11/2024	0123
7782-49-2	Selenium	5.7	UD	11/11/2024	0123
7440-22-4	Silver	1.6	UD	11/11/2024	0123
7440-23-5	Sodium	170	JD	11/11/2024	0123
7440-28-0	Thallium	4.1	UD	11/11/2024	0123
7440-62-2	Vanadium	48	D	11/11/2024	0123
7440-66-6	Zinc	99	D*	11/11/2024	0123

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

Comments: