

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYE543

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE543

Matrix: SOIL Lab Sample ID: P4571-01

% 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	11000	D	11/11/2024	0318
7440-36-0	Antimony	1.0	JD	11/11/2024	0318
7440-38-2	Arsenic	21	D*	11/11/2024	0318
7440-39-3	Barium	130	D	11/11/2024	0318
7440-41-7	Beryllium	0.59	JD	11/11/2024	0318
7440-43-9	Cadmium	0.97	D	11/11/2024	0318
7440-70-2	Calcium	2400	D	11/11/2024	0318
7440-47-3	Chromium	24	D	11/11/2024	0318
7440-48-4	Cobalt	15	D	11/11/2024	0318
7440-50-8	Copper	74	D	11/11/2024	0318
7439-89-6	Iron	29000	D	11/11/2024	0318
7439-92-1	Lead	25	D*	11/11/2024	0318
7439-95-4	Magnesium	4900	D	11/11/2024	0318
7439-96-5	Manganese	700	D	11/11/2024	0318
7440-02-0	Nickel	23	D	11/11/2024	0318
7440-09-7	Potassium	2700	D	11/11/2024	0318
7782-49-2	Selenium	6.0	UD	11/11/2024	0318
7440-22-4	Silver	1.7	UD	11/11/2024	0318
7440-23-5	Sodium	860	UD	11/11/2024	0318
7440-28-0	Thallium	4.3	UD	11/11/2024	0318
7440-62-2	Vanadium	47	D	11/11/2024	0318
7440-66-6	Zinc	89	D	11/11/2024	0318

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

Comments:

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MYE544

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE543

Matrix: SOIL Lab Sample ID: P4571-10

% 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	11000	D	11/11/2024	0403
7440-36-0	Antimony	0.93	JD	11/11/2024	0403
7440-38-2	Arsenic	23	D*	11/11/2024	0403
7440-39-3	Barium	110	D	11/11/2024	0403
7440-41-7	Beryllium	0.56	JD	11/11/2024	0403
7440-43-9	Cadmium	0.93	D	11/11/2024	0403
7440-70-2	Calcium	2800	D	11/11/2024	0403
7440-47-3	Chromium	22	D	11/11/2024	0403
7440-48-4	Cobalt	14	D	11/11/2024	0403
7440-50-8	Copper	66	D	11/11/2024	0403
7439-89-6	Iron	26000	D	11/11/2024	0403
7439-92-1	Lead	30	D*	11/11/2024	0403
7439-95-4	Magnesium	4200	D	11/11/2024	0403
7439-96-5	Manganese	530	D	11/11/2024	0403
7440-02-0	Nickel	21	D	11/11/2024	0403
7440-09-7	Potassium	2300	D	11/11/2024	0403
7782-49-2	Selenium	6.3	UD	11/11/2024	0403
7440-22-4	Silver	1.8	UD	11/11/2024	0403
7440-23-5	Sodium	900	UD	11/11/2024	0403
7440-28-0	Thallium	4.5	UD	11/11/2024	0403
7440-62-2	Vanadium	42	D	11/11/2024	0403
7440-66-6	Zinc	120	D	11/11/2024	0403

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

Comments:

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INORGANIC ANALYSIS DATA SHEET

MYE545

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE543

Matrix: SOIL Lab Sample ID: P4571-11

% Solids: 98.1 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	16000	D	11/11/2024	0407
7440-36-0	Antimony	9.6	UD	11/11/2024	0407
7440-38-2	Arsenic	65	D*	11/11/2024	0407
7440-39-3	Barium	170	D	11/11/2024	0407
7440-41-7	Beryllium	0.68	JD	11/11/2024	0407
7440-43-9	Cadmium	0.95	D	11/11/2024	0407
7440-70-2	Calcium	32000	D	11/11/2024	0407
7440-47-3	Chromium	51	D	11/11/2024	0407
7440-48-4	Cobalt	21	D	11/11/2024	0407
7440-50-8	Copper	71	D	11/11/2024	0407
7439-89-6	Iron	34000	D	11/11/2024	0407
7439-92-1	Lead	21	D*	11/11/2024	0407
7439-95-4	Magnesium	8900	D	11/11/2024	0407
7439-96-5	Manganese	1400	D	11/11/2024	0407
7440-02-0	Nickel	52	D	11/11/2024	0407
7440-09-7	Potassium	2100	D	11/11/2024	0407
7782-49-2	Selenium	5.6	UD	11/11/2024	0407
7440-22-4	Silver	1.6	UD	11/11/2024	0407
7440-23-5	Sodium	530	JD	11/11/2024	0407
7440-28-0	Thallium	4.0	UD	11/11/2024	0407
7440-62-2	Vanadium	63	D	11/11/2024	0407
7440-66-6	Zinc	98	D	11/11/2024	0407

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

Comments:

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MYE546

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE543

Matrix: SOIL Lab Sample ID: P4571-12

% Solids: 94.8 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	13000	D	11/11/2024	0411
7440-36-0	Antimony	0.67	JD	11/11/2024	0411
7440-38-2	Arsenic	22	D*	11/11/2024	0411
7440-39-3	Barium	120	D	11/11/2024	0411
7440-41-7	Beryllium	0.69	JD	11/11/2024	0411
7440-43-9	Cadmium	0.69	JD	11/11/2024	0411
7440-70-2	Calcium	3400	D	11/11/2024	0411
7440-47-3	Chromium	25	D	11/11/2024	0411
7440-48-4	Cobalt	15	D	11/11/2024	0411
7440-50-8	Copper	40	D	11/11/2024	0411
7439-89-6	Iron	28000	D	11/11/2024	0411
7439-92-1	Lead	16	D*	11/11/2024	0411
7439-95-4	Magnesium	4900	D	11/11/2024	0411
7439-96-5	Manganese	770	D	11/11/2024	0411
7440-02-0	Nickel	25	D	11/11/2024	0411
7440-09-7	Potassium	2700	D	11/11/2024	0411
7782-49-2	Selenium	5.1	UD	11/11/2024	0411
7440-22-4	Silver	1.5	UD	11/11/2024	0411
7440-23-5	Sodium	160	JD	11/11/2024	0411
7440-28-0	Thallium	3.6	UD	11/11/2024	0411
7440-62-2	Vanadium	47	D	11/11/2024	0411
7440-66-6	Zinc	63	D	11/11/2024	0411

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

Comments:

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MYE547

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE543

Matrix: SOIL Lab Sample ID: P4571-13

% 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	16000	D	11/11/2024	0416
7440-36-0	Antimony	8.9	UD	11/11/2024	0416
7440-38-2	Arsenic	31	D*	11/11/2024	0416
7440-39-3	Barium	190	D	11/11/2024	0416
7440-41-7	Beryllium	0.84	D	11/11/2024	0416
7440-43-9	Cadmium	0.94	D	11/11/2024	0416
7440-70-2	Calcium	3400	D	11/11/2024	0416
7440-47-3	Chromium	35	D	11/11/2024	0416
7440-48-4	Cobalt	21	D	11/11/2024	0416
7440-50-8	Copper	41	D	11/11/2024	0416
7439-89-6	Iron	36000	D	11/11/2024	0416
7439-92-1	Lead	17	D*	11/11/2024	0416
7439-95-4	Magnesium	6400	D	11/11/2024	0416
7439-96-5	Manganese	850	D	11/11/2024	0416
7440-02-0	Nickel	41	D	11/11/2024	0416
7440-09-7	Potassium	3100	D	11/11/2024	0416
7782-49-2	Selenium	5.2	UD	11/11/2024	0416
7440-22-4	Silver	1.5	UD	11/11/2024	0416
7440-23-5	Sodium	170	JD	11/11/2024	0416
7440-28-0	Thallium	3.7	UD	11/11/2024	0416
7440-62-2	Vanadium	68	D	11/11/2024	0416
7440-66-6	Zinc	72	D	11/11/2024	0416

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

Comments:

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MYE548

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE543

Matrix: SOIL Lab Sample ID: P4571-14

% Solids: 96.2 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	11/11/2024	0420
7440-36-0	Antimony	11	UD	11/11/2024	0420
7440-38-2	Arsenic	160	D*	11/11/2024	0420
7440-39-3	Barium	220	D	11/11/2024	0420
7440-41-7	Beryllium	0.96	D	11/11/2024	0420
7440-43-9	Cadmium	2.2	D	11/11/2024	0420
7440-70-2	Calcium	46000	D	11/11/2024	0420
7440-47-3	Chromium	210	D	11/11/2024	0420
7440-48-4	Cobalt	53	D	11/11/2024	0420
7440-50-8	Copper	96	D	11/11/2024	0420
7439-89-6	Iron	72000	D	11/11/2024	0420
7439-92-1	Lead	20	D*	11/11/2024	0420
7439-95-4	Magnesium	17000	D	11/11/2024	0420
7439-96-5	Manganese	2200	D	11/11/2024	0420
7440-02-0	Nickel	170	D	11/11/2024	0420
7440-09-7	Potassium	1200	D	11/11/2024	0420
7782-49-2	Selenium	6.3	UD	11/11/2024	0420
7440-22-4	Silver	1.8	UD	11/11/2024	0420
7440-23-5	Sodium	370	JD	11/11/2024	0420
7440-28-0	Thallium	4.5	UD	11/11/2024	0420
7440-62-2	Vanadium	180	D	11/11/2024	0420
7440-66-6	Zinc	110	D	11/11/2024	0420

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

Comments:

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MYE549

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE543

Matrix: SOIL Lab Sample ID: P4571-15

% Solids: 94.9 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	24000	D	11/11/2024	0425
7440-36-0	Antimony	1.5	JD	11/11/2024	0425
7440-38-2	Arsenic	41	D*	11/11/2024	0425
7440-39-3	Barium	120	D	11/11/2024	0425
7440-41-7	Beryllium	0.78	D	11/11/2024	0425
7440-43-9	Cadmium	2.0	D	11/11/2024	0425
7440-70-2	Calcium	6100	D	11/11/2024	0425
7440-47-3	Chromium	22	D	11/11/2024	0425
7440-48-4	Cobalt	34	D	11/11/2024	0425
7440-50-8	Copper	77	D	11/11/2024	0425
7439-89-6	Iron	53000	D	11/11/2024	0425
7439-92-1	Lead	22	D*	11/11/2024	0425
7439-95-4	Magnesium	8800	D	11/11/2024	0425
7439-96-5	Manganese	1400	D	11/11/2024	0425
7440-02-0	Nickel	23	D	11/11/2024	0425
7440-09-7	Potassium	1100	D	11/11/2024	0425
7782-49-2	Selenium	5.2	UD	11/11/2024	0425
7440-22-4	Silver	1.5	UD	11/11/2024	0425
7440-23-5	Sodium	430	JD	11/11/2024	0425
7440-28-0	Thallium	3.7	UD	11/11/2024	0425
7440-62-2	Vanadium	89	D	11/11/2024	0425
7440-66-6	Zinc	190	D	11/11/2024	0425

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

Comments:

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MYE550

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE543

Matrix: SOIL Lab Sample ID: P4571-16

% Solids: 97.9 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	13000	D	11/11/2024	0438
7440-36-0	Antimony	0.93	JD	11/11/2024	0438
7440-38-2	Arsenic	24	D*	11/11/2024	0438
7440-39-3	Barium	140	D	11/11/2024	0438
7440-41-7	Beryllium	0.68	JD	11/11/2024	0438
7440-43-9	Cadmium	0.87	D	11/11/2024	0438
7440-70-2	Calcium	2000	D	11/11/2024	0438
7440-47-3	Chromium	29	D	11/11/2024	0438
7440-48-4	Cobalt	17	D	11/11/2024	0438
7440-50-8	Copper	59	D	11/11/2024	0438
7439-89-6	Iron	32000	D	11/11/2024	0438
7439-92-1	Lead	22	D*	11/11/2024	0438
7439-95-4	Magnesium	5000	D	11/11/2024	0438
7439-96-5	Manganese	850	D	11/11/2024	0438
7440-02-0	Nickel	28	D	11/11/2024	0438
7440-09-7	Potassium	2700	D	11/11/2024	0438
7782-49-2	Selenium	4.8	UD	11/11/2024	0438
7440-22-4	Silver	1.4	UD	11/11/2024	0438
7440-23-5	Sodium	170	JD	11/11/2024	0438
7440-28-0	Thallium	3.5	UD	11/11/2024	0438
7440-62-2	Vanadium	54	D	11/11/2024	0438
7440-66-6	Zinc	71	D	11/11/2024	0438

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

Comments:

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MYE551

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE543

Matrix: SOIL Lab Sample ID: P4571-17

% Solids: 97.8 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	12000	D	11/11/2024	0442
7440-36-0	Antimony	3.8	JD	11/11/2024	0442
7440-38-2	Arsenic	31	D*	11/11/2024	0442
7440-39-3	Barium	160	D	11/11/2024	0442
7440-41-7	Beryllium	1.2	D	11/11/2024	0442
7440-43-9	Cadmium	1.3	D	11/11/2024	0442
7440-70-2	Calcium	2500	D	11/11/2024	0442
7440-47-3	Chromium	30	D	11/11/2024	0442
7440-48-4	Cobalt	17	D	11/11/2024	0442
7440-50-8	Copper	69	D	11/11/2024	0442
7439-89-6	Iron	29000	D	11/11/2024	0442
7439-92-1	Lead	27	D*	11/11/2024	0442
7439-95-4	Magnesium	5300	D	11/11/2024	0442
7439-96-5	Manganese	850	D	11/11/2024	0442
7440-02-0	Nickel	39	D	11/11/2024	0442
7440-09-7	Potassium	2700	D	11/11/2024	0442
7782-49-2	Selenium	6.0	UD	11/11/2024	0442
7440-22-4	Silver	1.7	UD	11/11/2024	0442
7440-23-5	Sodium	180	JD	11/11/2024	0442
7440-28-0	Thallium	4.3	UD	11/11/2024	0442
7440-62-2	Vanadium	59	D	11/11/2024	0442
7440-66-6	Zinc	72	D	11/11/2024	0442

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

Comments:

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INORGANIC ANALYSIS DATA SHEET

MYE552

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE543

Matrix: SOIL Lab Sample ID: P4571-18

% Solids: 89.4 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	14000	D	11/11/2024	0447
7440-36-0	Antimony	11	UD	11/11/2024	0447
7440-38-2	Arsenic	31	D*	11/11/2024	0447
7440-39-3	Barium	190	D	11/11/2024	0447
7440-41-7	Beryllium	0.81	JD	11/11/2024	0447
7440-43-9	Cadmium	0.99	D	11/11/2024	0447
7440-70-2	Calcium	2800	D	11/11/2024	0447
7440-47-3	Chromium	31	D	11/11/2024	0447
7440-48-4	Cobalt	19	D	11/11/2024	0447
7440-50-8	Copper	72	D	11/11/2024	0447
7439-89-6	Iron	33000	D	11/11/2024	0447
7439-92-1	Lead	26	D*	11/11/2024	0447
7439-95-4	Magnesium	5900	D	11/11/2024	0447
7439-96-5	Manganese	830	D	11/11/2024	0447
7440-02-0	Nickel	36	D	11/11/2024	0447
7440-09-7	Potassium	2900	D	11/11/2024	0447
7782-49-2	Selenium	6.2	UD	11/11/2024	0447
7440-22-4	Silver	1.8	UD	11/11/2024	0447
7440-23-5	Sodium	880	UD	11/11/2024	0447
7440-28-0	Thallium	4.4	UD	11/11/2024	0447
7440-62-2	Vanadium	64	D	11/11/2024	0447
7440-66-6	Zinc	76	D	11/11/2024	0447

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

Comments:

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INORGANIC ANALYSIS DATA SHEET

MYE553

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE543

Matrix: SOIL Lab Sample ID: P4571-19

% 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	16000	D	11/11/2024	0451
7440-36-0	Antimony	0.95	JD	11/11/2024	0451
7440-38-2	Arsenic	29	D*	11/11/2024	0451
7440-39-3	Barium	190	D	11/11/2024	0451
7440-41-7	Beryllium	0.80	D	11/11/2024	0451
7440-43-9	Cadmium	1.0	D	11/11/2024	0451
7440-70-2	Calcium	3900	D	11/11/2024	0451
7440-47-3	Chromium	33	D	11/11/2024	0451
7440-48-4	Cobalt	19	D	11/11/2024	0451
7440-50-8	Copper	59	D	11/11/2024	0451
7439-89-6	Iron	33000	D	11/11/2024	0451
7439-92-1	Lead	24	D*	11/11/2024	0451
7439-95-4	Magnesium	6800	D	11/11/2024	0451
7439-96-5	Manganese	840	D	11/11/2024	0451
7440-02-0	Nickel	38	D	11/11/2024	0451
7440-09-7	Potassium	2900	D	11/11/2024	0451
7782-49-2	Selenium	5.5	UD	11/11/2024	0451
7440-22-4	Silver	1.6	UD	11/11/2024	0451
7440-23-5	Sodium	200	JD	11/11/2024	0451
7440-28-0	Thallium	4.0	UD	11/11/2024	0451
7440-62-2	Vanadium	61	D	11/11/2024	0451
7440-66-6	Zinc	81	D	11/11/2024	0451

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYE554

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE543

Matrix: SOIL Lab Sample ID: P4571-20

% Solids: 97.9 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	12000	D	11/11/2024	0456
7440-36-0	Antimony	8.8	UD	11/11/2024	0456
7440-38-2	Arsenic	22	D*	11/11/2024	0456
7440-39-3	Barium	130	D	11/11/2024	0456
7440-41-7	Beryllium	0.65	JD	11/11/2024	0456
7440-43-9	Cadmium	0.73	D	11/11/2024	0456
7440-70-2	Calcium	2400	D	11/11/2024	0456
7440-47-3	Chromium	24	D	11/11/2024	0456
7440-48-4	Cobalt	15	D	11/11/2024	0456
7440-50-8	Copper	47	D	11/11/2024	0456
7439-89-6	Iron	29000	D	11/11/2024	0456
7439-92-1	Lead	17	D*	11/11/2024	0456
7439-95-4	Magnesium	4700	D	11/11/2024	0456
7439-96-5	Manganese	620	D	11/11/2024	0456
7440-02-0	Nickel	27	D	11/11/2024	0456
7440-09-7	Potassium	2400	D	11/11/2024	0456
7782-49-2	Selenium	5.1	UD	11/11/2024	0456
7440-22-4	Silver	1.5	UD	11/11/2024	0456
7440-23-5	Sodium	730	UD	11/11/2024	0456
7440-28-0	Thallium	3.7	UD	11/11/2024	0456
7440-62-2	Vanadium	54	D	11/11/2024	0456
7440-66-6	Zinc	63	D	11/11/2024	0456

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYE555

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE543

Matrix: SOIL Lab Sample ID: P4571-21

% Solids: 97.8 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	13000	D	11/11/2024	0500
7440-36-0	Antimony	8.8	UD	11/11/2024	0500
7440-38-2	Arsenic	43	D*	11/11/2024	0500
7440-39-3	Barium	150	D	11/11/2024	0500
7440-41-7	Beryllium	0.59	JD	11/11/2024	0500
7440-43-9	Cadmium	0.76	D	11/11/2024	0500
7440-70-2	Calcium	30000	D	11/11/2024	0500
7440-47-3	Chromium	45	D	11/11/2024	0500
7440-48-4	Cobalt	17	D	11/11/2024	0500
7440-50-8	Copper	64	D	11/11/2024	0500
7439-89-6	Iron	27000	D	11/11/2024	0500
7439-92-1	Lead	19	D*	11/11/2024	0500
7439-95-4	Magnesium	8000	D	11/11/2024	0500
7439-96-5	Manganese	900	D	11/11/2024	0500
7440-02-0	Nickel	44	D	11/11/2024	0500
7440-09-7	Potassium	2000	D	11/11/2024	0500
7782-49-2	Selenium	5.2	UD	11/11/2024	0500
7440-22-4	Silver	1.5	UD	11/11/2024	0500
7440-23-5	Sodium	790	D	11/11/2024	0500
7440-28-0	Thallium	3.7	UD	11/11/2024	0500
7440-62-2	Vanadium	51	D	11/11/2024	0500
7440-66-6	Zinc	95	D	11/11/2024	0500

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYE556

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE543

Matrix: SOIL Lab Sample ID: P4571-22

% Solids: 96.1 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	18000	D	11/11/2024	0505
7440-36-0	Antimony	1.4	JD	11/11/2024	0505
7440-38-2	Arsenic	42	D*	11/11/2024	0505
7440-39-3	Barium	160	D	11/11/2024	0505
7440-41-7	Beryllium	0.73	JD	11/11/2024	0505
7440-43-9	Cadmium	1.7	D	11/11/2024	0505
7440-70-2	Calcium	5900	D	11/11/2024	0505
7440-47-3	Chromium	24	D	11/11/2024	0505
7440-48-4	Cobalt	27	D	11/11/2024	0505
7440-50-8	Copper	77	D	11/11/2024	0505
7439-89-6	Iron	41000	D	11/11/2024	0505
7439-92-1	Lead	23	D*	11/11/2024	0505
7439-95-4	Magnesium	7200	D	11/11/2024	0505
7439-96-5	Manganese	1300	D	11/11/2024	0505
7440-02-0	Nickel	31	D	11/11/2024	0505
7440-09-7	Potassium	1500	D	11/11/2024	0505
7782-49-2	Selenium	6.5	UD	11/11/2024	0505
7440-22-4	Silver	1.8	UD	11/11/2024	0505
7440-23-5	Sodium	300	JD	11/11/2024	0505
7440-28-0	Thallium	4.6	UD	11/11/2024	0505
7440-62-2	Vanadium	72	D	11/11/2024	0505
7440-66-6	Zinc	130	D	11/11/2024	0505

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYE576

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE543

Matrix: SOIL Lab Sample ID: P4571-04

% 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	11/11/2024	0336
7440-36-0	Antimony	1.1	JD	11/11/2024	0336
7440-38-2	Arsenic	53	D*	11/11/2024	0336
7440-39-3	Barium	270	D	11/11/2024	0336
7440-41-7	Beryllium	1.1	D	11/11/2024	0336
7440-43-9	Cadmium	2.2	D	11/11/2024	0336
7440-70-2	Calcium	4200	D	11/11/2024	0336
7440-47-3	Chromium	49	D	11/11/2024	0336
7440-48-4	Cobalt	26	D	11/11/2024	0336
7440-50-8	Copper	62	D	11/11/2024	0336
7439-89-6	Iron	47000	D	11/11/2024	0336
7439-92-1	Lead	39	D*	11/11/2024	0336
7439-95-4	Magnesium	8100	D	11/11/2024	0336
7439-96-5	Manganese	990	D	11/11/2024	0336
7440-02-0	Nickel	61	D	11/11/2024	0336
7440-09-7	Potassium	4200	D	11/11/2024	0336
7782-49-2	Selenium	5.8	UD	11/11/2024	0336
7440-22-4	Silver	1.7	UD	11/11/2024	0336
7440-23-5	Sodium	220	JD	11/11/2024	0336
7440-28-0	Thallium	4.1	UD	11/11/2024	0336
7440-62-2	Vanadium	90	D	11/11/2024	0336
7440-66-6	Zinc	240	D	11/11/2024	0336

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYE577

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE543

Matrix: SOIL Lab Sample ID: P4571-05

% Solids: 96.4 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	11/11/2024	0340
7440-36-0	Antimony	1.1	JD	11/11/2024	0340
7440-38-2	Arsenic	49	D*	11/11/2024	0340
7440-39-3	Barium	230	D	11/11/2024	0340
7440-41-7	Beryllium	0.93	D	11/11/2024	0340
7440-43-9	Cadmium	1.7	D	11/11/2024	0340
7440-70-2	Calcium	2800	D	11/11/2024	0340
7440-47-3	Chromium	43	D	11/11/2024	0340
7440-48-4	Cobalt	28	D	11/11/2024	0340
7440-50-8	Copper	97	D	11/11/2024	0340
7439-89-6	Iron	48000	D	11/11/2024	0340
7439-92-1	Lead	41	D*	11/11/2024	0340
7439-95-4	Magnesium	8300	D	11/11/2024	0340
7439-96-5	Manganese	1300	D	11/11/2024	0340
7440-02-0	Nickel	55	D	11/11/2024	0340
7440-09-7	Potassium	3000	D	11/11/2024	0340
7782-49-2	Selenium	5.4	UD	11/11/2024	0340
7440-22-4	Silver	1.5	UD	11/11/2024	0340
7440-23-5	Sodium	240	JD	11/11/2024	0340
7440-28-0	Thallium	3.8	UD	11/11/2024	0340
7440-62-2	Vanadium	95	D	11/11/2024	0340
7440-66-6	Zinc	110	D	11/11/2024	0340

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYE578

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE543

Matrix: SOIL Lab Sample ID: P4571-06

% 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	16000	D	11/11/2024	0345
7440-36-0	Antimony	1.4	JD	11/11/2024	0345
7440-38-2	Arsenic	48	D*	11/11/2024	0345
7440-39-3	Barium	260	D	11/11/2024	0345
7440-41-7	Beryllium	0.96	D	11/11/2024	0345
7440-43-9	Cadmium	1.8	D	11/11/2024	0345
7440-70-2	Calcium	3400	D	11/11/2024	0345
7440-47-3	Chromium	46	D	11/11/2024	0345
7440-48-4	Cobalt	26	D	11/11/2024	0345
7440-50-8	Copper	81	D	11/11/2024	0345
7439-89-6	Iron	45000	D	11/11/2024	0345
7439-92-1	Lead	39	D*	11/11/2024	0345
7439-95-4	Magnesium	7400	D	11/11/2024	0345
7439-96-5	Manganese	1300	D	11/11/2024	0345
7440-02-0	Nickel	53	D	11/11/2024	0345
7440-09-7	Potassium	2800	D	11/11/2024	0345
7782-49-2	Selenium	6.2	UD	11/11/2024	0345
7440-22-4	Silver	1.8	UD	11/11/2024	0345
7440-23-5	Sodium	200	JD	11/11/2024	0345
7440-28-0	Thallium	4.5	UD	11/11/2024	0345
7440-62-2	Vanadium	85	D	11/11/2024	0345
7440-66-6	Zinc	120	D	11/11/2024	0345

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYE579

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE543

Matrix: SOIL Lab Sample ID: P4571-07

% Solids: 94.4 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	15000	D	11/11/2024	0349
7440-36-0	Antimony	1.2	JD	11/11/2024	0349
7440-38-2	Arsenic	45	D*	11/11/2024	0349
7440-39-3	Barium	230	D	11/11/2024	0349
7440-41-7	Beryllium	0.84	D	11/11/2024	0349
7440-43-9	Cadmium	1.4	D	11/11/2024	0349
7440-70-2	Calcium	5700	D	11/11/2024	0349
7440-47-3	Chromium	38	D	11/11/2024	0349
7440-48-4	Cobalt	21	D	11/11/2024	0349
7440-50-8	Copper	62	D	11/11/2024	0349
7439-89-6	Iron	38000	D	11/11/2024	0349
7439-92-1	Lead	33	D*	11/11/2024	0349
7439-95-4	Magnesium	6900	D	11/11/2024	0349
7439-96-5	Manganese	860	D	11/11/2024	0349
7440-02-0	Nickel	46	D	11/11/2024	0349
7440-09-7	Potassium	3000	D	11/11/2024	0349
7782-49-2	Selenium	5.9	UD	11/11/2024	0349
7440-22-4	Silver	1.7	UD	11/11/2024	0349
7440-23-5	Sodium	170	JD	11/11/2024	0349
7440-28-0	Thallium	4.2	UD	11/11/2024	0349
7440-62-2	Vanadium	73	D	11/11/2024	0349
7440-66-6	Zinc	120	D	11/11/2024	0349

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYE580

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE543

Matrix: SOIL Lab Sample ID: P4571-08

% Solids: 94.3 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	15000	D	11/11/2024	0354
7440-36-0	Antimony	1.3	JD	11/11/2024	0354
7440-38-2	Arsenic	43	D*	11/11/2024	0354
7440-39-3	Barium	260	D	11/11/2024	0354
7440-41-7	Beryllium	0.87	D	11/11/2024	0354
7440-43-9	Cadmium	1.5	D	11/11/2024	0354
7440-70-2	Calcium	5300	D	11/11/2024	0354
7440-47-3	Chromium	39	D	11/11/2024	0354
7440-48-4	Cobalt	23	D	11/11/2024	0354
7440-50-8	Copper	68	D	11/11/2024	0354
7439-89-6	Iron	41000	D	11/11/2024	0354
7439-92-1	Lead	34	D*	11/11/2024	0354
7439-95-4	Magnesium	7300	D	11/11/2024	0354
7439-96-5	Manganese	1000	D	11/11/2024	0354
7440-02-0	Nickel	50	D	11/11/2024	0354
7440-09-7	Potassium	3000	D	11/11/2024	0354
7782-49-2	Selenium	5.5	UD	11/11/2024	0354
7440-22-4	Silver	1.6	UD	11/11/2024	0354
7440-23-5	Sodium	170	JD	11/11/2024	0354
7440-28-0	Thallium	3.9	UD	11/11/2024	0354
7440-62-2	Vanadium	76	D	11/11/2024	0354
7440-66-6	Zinc	120	D	11/11/2024	0354

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYE581

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE543

Matrix: SOIL Lab Sample ID: P4571-09

% Solids: 94.3 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	23000	D	11/11/2024	0358
7440-36-0	Antimony	1.2	JD	11/11/2024	0358
7440-38-2	Arsenic	54	D*	11/11/2024	0358
7440-39-3	Barium	290	D	11/11/2024	0358
7440-41-7	Beryllium	1.0	D	11/11/2024	0358
7440-43-9	Cadmium	1.3	D	11/11/2024	0358
7440-70-2	Calcium	12000	D	11/11/2024	0358
7440-47-3	Chromium	48	D	11/11/2024	0358
7440-48-4	Cobalt	26	D	11/11/2024	0358
7440-50-8	Copper	62	D	11/11/2024	0358
7439-89-6	Iron	47000	D	11/11/2024	0358
7439-92-1	Lead	23	D*	11/11/2024	0358
7439-95-4	Magnesium	9900	D	11/11/2024	0358
7439-96-5	Manganese	1100	D	11/11/2024	0358
7440-02-0	Nickel	62	D	11/11/2024	0358
7440-09-7	Potassium	2900	D	11/11/2024	0358
7782-49-2	Selenium	6.0	UD	11/11/2024	0358
7440-22-4	Silver	1.7	UD	11/11/2024	0358
7440-23-5	Sodium	260	JD	11/11/2024	0358
7440-28-0	Thallium	4.3	UD	11/11/2024	0358
7440-62-2	Vanadium	93	D	11/11/2024	0358
7440-66-6	Zinc	81	D	11/11/2024	0358

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

Comments: