

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYE5D3

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE5D3

Matrix: SOIL Lab Sample ID: P4542-01

% Solids: 93.3 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	22000	D	11/10/2024	0005
7440-36-0	Antimony	1.2	JD	11/10/2024	0005
7440-38-2	Arsenic	32	D*	11/10/2024	0005
7440-39-3	Barium	290	D	11/10/2024	0005
7440-41-7	Beryllium	1.1	D	11/10/2024	0005
7440-43-9	Cadmium	0.40	JD	11/10/2024	0005
7440-70-2	Calcium	5200	D	11/10/2024	0005
7440-47-3	Chromium	45	D	11/10/2024	0005
7440-48-4	Cobalt	25	D	11/10/2024	0005
7440-50-8	Copper	63	D*	11/10/2024	0005
7439-89-6	Iron	53000	D	11/10/2024	0005
7439-92-1	Lead	29	D	11/10/2024	0005
7439-95-4	Magnesium	7700	D	11/10/2024	0005
7439-96-5	Manganese	1800	D	11/10/2024	0005
7440-02-0	Nickel	46	D	11/10/2024	0005
7440-09-7	Potassium	2100	D	11/10/2024	0005
7782-49-2	Selenium	5.0	UD	11/10/2024	0005
7440-22-4	Silver	1.4	UD	11/10/2024	0005
7440-23-5	Sodium	190	JD	11/10/2024	0005
7440-28-0	Thallium	3.6	UD	11/10/2024	0005
7440-62-2	Vanadium	100	D	11/10/2024	0005
7440-66-6	Zinc	84	D	11/10/2024	0005

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

Comments:

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MYE5D4

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE5D3

Matrix: SOIL Lab Sample ID: P4542-02

% Solids: 96.4 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	12000	D	11/10/2024	0009
7440-36-0	Antimony	1.7	JD	11/10/2024	0009
7440-38-2	Arsenic	37	D*	11/10/2024	0009
7440-39-3	Barium	360	D	11/10/2024	0009
7440-41-7	Beryllium	0.73	JD	11/10/2024	0009
7440-43-9	Cadmium	1.6	D	11/10/2024	0009
7440-70-2	Calcium	2400	D	11/10/2024	0009
7440-47-3	Chromium	35	D	11/10/2024	0009
7440-48-4	Cobalt	25	D	11/10/2024	0009
7440-50-8	Copper	250	D*	11/10/2024	0009
7439-89-6	Iron	43000	D	11/10/2024	0009
7439-92-1	Lead	63	D	11/10/2024	0009
7439-95-4	Magnesium	4800	D	11/10/2024	0009
7439-96-5	Manganese	3400	D	11/10/2024	0009
7440-02-0	Nickel	41	D	11/10/2024	0009
7440-09-7	Potassium	3400	D	11/10/2024	0009
7782-49-2	Selenium	5.2	UD	11/10/2024	0009
7440-22-4	Silver	1.5	UD	11/10/2024	0009
7440-23-5	Sodium	160	JD	11/10/2024	0009
7440-28-0	Thallium	3.7	UD	11/10/2024	0009
7440-62-2	Vanadium	78	D	11/10/2024	0009
7440-66-6	Zinc	130	D	11/10/2024	0009

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

Comments:

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MYE5D5

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE5D3

Matrix: SOIL Lab Sample ID: P4542-03

% 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	11/10/2024	0014
7440-36-0	Antimony	1.4	JD	11/10/2024	0014
7440-38-2	Arsenic	40	D*	11/10/2024	0014
7440-39-3	Barium	250	D	11/10/2024	0014
7440-41-7	Beryllium	0.83	D	11/10/2024	0014
7440-43-9	Cadmium	0.83	D	11/10/2024	0014
7440-70-2	Calcium	3300	D	11/10/2024	0014
7440-47-3	Chromium	34	D	11/10/2024	0014
7440-48-4	Cobalt	20	D	11/10/2024	0014
7440-50-8	Copper	150	D*	11/10/2024	0014
7439-89-6	Iron	41000	D	11/10/2024	0014
7439-92-1	Lead	56	D	11/10/2024	0014
7439-95-4	Magnesium	5700	D	11/10/2024	0014
7439-96-5	Manganese	1700	D	11/10/2024	0014
7440-02-0	Nickel	34	D	11/10/2024	0014
7440-09-7	Potassium	2500	D	11/10/2024	0014
7782-49-2	Selenium	5.3	UD	11/10/2024	0014
7440-22-4	Silver	1.5	UD	11/10/2024	0014
7440-23-5	Sodium	220	JD	11/10/2024	0014
7440-28-0	Thallium	3.8	UD	11/10/2024	0014
7440-62-2	Vanadium	75	D	11/10/2024	0014
7440-66-6	Zinc	99	D	11/10/2024	0014

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

Comments:

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MYE5D6

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE5D3

Matrix: SOIL Lab Sample ID: P4542-04

% 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	16000	D	11/10/2024	0018
7440-36-0	Antimony	2.4	JD	11/10/2024	0018
7440-38-2	Arsenic	26	D*	11/10/2024	0018
7440-39-3	Barium	330	D	11/10/2024	0018
7440-41-7	Beryllium	1.0	D	11/10/2024	0018
7440-43-9	Cadmium	1.2	D	11/10/2024	0018
7440-70-2	Calcium	4300	D	11/10/2024	0018
7440-47-3	Chromium	39	D	11/10/2024	0018
7440-48-4	Cobalt	26	D	11/10/2024	0018
7440-50-8	Copper	190	D*	11/10/2024	0018
7439-89-6	Iron	51000	D	11/10/2024	0018
7439-92-1	Lead	61	D	11/10/2024	0018
7439-95-4	Magnesium	6100	D	11/10/2024	0018
7439-96-5	Manganese	2000	D	11/10/2024	0018
7440-02-0	Nickel	52	D	11/10/2024	0018
7440-09-7	Potassium	3300	D	11/10/2024	0018
7782-49-2	Selenium	6.4	UD	11/10/2024	0018
7440-22-4	Silver	1.8	UD	11/10/2024	0018
7440-23-5	Sodium	910	UD	11/10/2024	0018
7440-28-0	Thallium	4.6	UD	11/10/2024	0018
7440-62-2	Vanadium	92	D	11/10/2024	0018
7440-66-6	Zinc	120	D	11/10/2024	0018

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

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MYE5D7

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE5D3

Matrix: SOIL Lab Sample ID: P4542-07

% Solids: 92 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	11/10/2024	0036
7440-36-0	Antimony	10	UD	11/10/2024	0036
7440-38-2	Arsenic	44	D*	11/10/2024	0036
7440-39-3	Barium	230	D	11/10/2024	0036
7440-41-7	Beryllium	1.2	D	11/10/2024	0036
7440-43-9	Cadmium	1.3	D	11/10/2024	0036
7440-70-2	Calcium	6100	D	11/10/2024	0036
7440-47-3	Chromium	36	D	11/10/2024	0036
7440-48-4	Cobalt	22	D	11/10/2024	0036
7440-50-8	Copper	180	D*	11/10/2024	0036
7439-89-6	Iron	36000	D	11/10/2024	0036
7439-92-1	Lead	63	D	11/10/2024	0036
7439-95-4	Magnesium	6500	D	11/10/2024	0036
7439-96-5	Manganese	1300	D	11/10/2024	0036
7440-02-0	Nickel	52	D	11/10/2024	0036
7440-09-7	Potassium	2900	D	11/10/2024	0036
7782-49-2	Selenium	5.9	UD	11/10/2024	0036
7440-22-4	Silver	1.7	UD	11/10/2024	0036
7440-23-5	Sodium	840	UD	11/10/2024	0036
7440-28-0	Thallium	4.2	UD	11/10/2024	0036
7440-62-2	Vanadium	71	D	11/10/2024	0036
7440-66-6	Zinc	120	D	11/10/2024	0036

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

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MYE5D8

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE5D3

Matrix: SOIL Lab Sample ID: P4542-08

% Solids: 95.7 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	19000	D	11/10/2024	0040
7440-36-0	Antimony	1.3	JD	11/10/2024	0040
7440-38-2	Arsenic	25	D*	11/10/2024	0040
7440-39-3	Barium	200	D	11/10/2024	0040
7440-41-7	Beryllium	0.69	JD	11/10/2024	0040
7440-43-9	Cadmium	0.51	JD	11/10/2024	0040
7440-70-2	Calcium	3800	D	11/10/2024	0040
7440-47-3	Chromium	58	D	11/10/2024	0040
7440-48-4	Cobalt	30	D	11/10/2024	0040
7440-50-8	Copper	75	D*	11/10/2024	0040
7439-89-6	Iron	51000	D	11/10/2024	0040
7439-92-1	Lead	25	D	11/10/2024	0040
7439-95-4	Magnesium	12000	D	11/10/2024	0040
7439-96-5	Manganese	2200	D	11/10/2024	0040
7440-02-0	Nickel	49	D	11/10/2024	0040
7440-09-7	Potassium	3400	D	11/10/2024	0040
7782-49-2	Selenium	5.1	UD	11/10/2024	0040
7440-22-4	Silver	1.5	UD	11/10/2024	0040
7440-23-5	Sodium	180	JD	11/10/2024	0040
7440-28-0	Thallium	3.6	UD	11/10/2024	0040
7440-62-2	Vanadium	110	D	11/10/2024	0040
7440-66-6	Zinc	98	D	11/10/2024	0040

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

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MYE5D9

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE5D3

Matrix: SOIL Lab Sample ID: P4542-09

% Solids: 96.1 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	11/10/2024	0044
7440-36-0	Antimony	1.1	JD	11/10/2024	0044
7440-38-2	Arsenic	40	D*	11/10/2024	0044
7440-39-3	Barium	280	D	11/10/2024	0044
7440-41-7	Beryllium	0.87	D	11/10/2024	0044
7440-43-9	Cadmium	1.4	D	11/10/2024	0044
7440-70-2	Calcium	2800	D	11/10/2024	0044
7440-47-3	Chromium	35	D	11/10/2024	0044
7440-48-4	Cobalt	23	D	11/10/2024	0044
7440-50-8	Copper	150	D*	11/10/2024	0044
7439-89-6	Iron	45000	D	11/10/2024	0044
7439-92-1	Lead	66	D	11/10/2024	0044
7439-95-4	Magnesium	5200	D	11/10/2024	0044
7439-96-5	Manganese	2100	D	11/10/2024	0044
7440-02-0	Nickel	42	D	11/10/2024	0044
7440-09-7	Potassium	2900	D	11/10/2024	0044
7782-49-2	Selenium	5.8	UD	11/10/2024	0044
7440-22-4	Silver	1.7	UD	11/10/2024	0044
7440-23-5	Sodium	180	JD	11/10/2024	0044
7440-28-0	Thallium	4.2	UD	11/10/2024	0044
7440-62-2	Vanadium	87	D	11/10/2024	0044
7440-66-6	Zinc	140	D	11/10/2024	0044

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

Comments:

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MYE5E0

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE5D3

Matrix: SOIL Lab Sample ID: P4542-10

% Solids: 96.2 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	13000	D	11/10/2024	0049
7440-36-0	Antimony	1.4	JD	11/10/2024	0049
7440-38-2	Arsenic	30	D*	11/10/2024	0049
7440-39-3	Barium	200	D	11/10/2024	0049
7440-41-7	Beryllium	0.88	JD	11/10/2024	0049
7440-43-9	Cadmium	1.8	D	11/10/2024	0049
7440-70-2	Calcium	3500	D	11/10/2024	0049
7440-47-3	Chromium	35	D	11/10/2024	0049
7440-48-4	Cobalt	23	D	11/10/2024	0049
7440-50-8	Copper	230	D*	11/10/2024	0049
7439-89-6	Iron	41000	D	11/10/2024	0049
7439-92-1	Lead	77	D	11/10/2024	0049
7439-95-4	Magnesium	4900	D	11/10/2024	0049
7439-96-5	Manganese	1400	D	11/10/2024	0049
7440-02-0	Nickel	44	D	11/10/2024	0049
7440-09-7	Potassium	2400	D	11/10/2024	0049
7782-49-2	Selenium	6.2	UD	11/10/2024	0049
7440-22-4	Silver	1.8	UD	11/10/2024	0049
7440-23-5	Sodium	890	UD	11/10/2024	0049
7440-28-0	Thallium	4.4	UD	11/10/2024	0049
7440-62-2	Vanadium	73	D	11/10/2024	0049
7440-66-6	Zinc	140	D	11/10/2024	0049

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

Comments:

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MYE5E1

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE5D3

Matrix: SOIL Lab Sample ID: P4542-11

% Solids: 95.1 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	17000	D	11/10/2024	0053
7440-36-0	Antimony	9.9	UD	11/10/2024	0053
7440-38-2	Arsenic	19	D*	11/10/2024	0053
7440-39-3	Barium	220	D	11/10/2024	0053
7440-41-7	Beryllium	0.66	JD	11/10/2024	0053
7440-43-9	Cadmium	0.33	JD	11/10/2024	0053
7440-70-2	Calcium	7200	D	11/10/2024	0053
7440-47-3	Chromium	46	D	11/10/2024	0053
7440-48-4	Cobalt	24	D	11/10/2024	0053
7440-50-8	Copper	87	D*	11/10/2024	0053
7439-89-6	Iron	38000	D	11/10/2024	0053
7439-92-1	Lead	21	D	11/10/2024	0053
7439-95-4	Magnesium	9900	D	11/10/2024	0053
7439-96-5	Manganese	1800	D	11/10/2024	0053
7440-02-0	Nickel	39	D	11/10/2024	0053
7440-09-7	Potassium	3300	D	11/10/2024	0053
7782-49-2	Selenium	5.8	UD	11/10/2024	0053
7440-22-4	Silver	1.6	UD	11/10/2024	0053
7440-23-5	Sodium	160	JD	11/10/2024	0053
7440-28-0	Thallium	4.1	UD	11/10/2024	0053
7440-62-2	Vanadium	85	D	11/10/2024	0053
7440-66-6	Zinc	80	D	11/10/2024	0053

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

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MYE5E2

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE5D3

Matrix: SOIL Lab Sample ID: P4542-12

% Solids: 96.4 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	13000	D	11/10/2024	0058
7440-36-0	Antimony	0.92	JD	11/10/2024	0058
7440-38-2	Arsenic	36	D*	11/10/2024	0058
7440-39-3	Barium	260	D	11/10/2024	0058
7440-41-7	Beryllium	0.81	D	11/10/2024	0058
7440-43-9	Cadmium	1.3	D	11/10/2024	0058
7440-70-2	Calcium	4200	D	11/10/2024	0058
7440-47-3	Chromium	38	D	11/10/2024	0058
7440-48-4	Cobalt	20	D	11/10/2024	0058
7440-50-8	Copper	140	D*	11/10/2024	0058
7439-89-6	Iron	37000	D	11/10/2024	0058
7439-92-1	Lead	72	D	11/10/2024	0058
7439-95-4	Magnesium	5400	D	11/10/2024	0058
7439-96-5	Manganese	2100	D	11/10/2024	0058
7440-02-0	Nickel	50	D	11/10/2024	0058
7440-09-7	Potassium	2400	D	11/10/2024	0058
7782-49-2	Selenium	5.0	UD	11/10/2024	0058
7440-22-4	Silver	1.4	UD	11/10/2024	0058
7440-23-5	Sodium	170	JD	11/10/2024	0058
7440-28-0	Thallium	3.6	UD	11/10/2024	0058
7440-62-2	Vanadium	66	D	11/10/2024	0058
7440-66-6	Zinc	120	D	11/10/2024	0058

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

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MYE5E3

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE5D3

Matrix: SOIL Lab Sample ID: P4542-13

% Solids: 96.1 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	13000	D	11/10/2024	0102
7440-36-0	Antimony	1.3	JD	11/10/2024	0102
7440-38-2	Arsenic	31	D*	11/10/2024	0102
7440-39-3	Barium	290	D	11/10/2024	0102
7440-41-7	Beryllium	0.87	D	11/10/2024	0102
7440-43-9	Cadmium	1.4	D	11/10/2024	0102
7440-70-2	Calcium	3900	D	11/10/2024	0102
7440-47-3	Chromium	38	D	11/10/2024	0102
7440-48-4	Cobalt	24	D	11/10/2024	0102
7440-50-8	Copper	160	D*	11/10/2024	0102
7439-89-6	Iron	41000	D	11/10/2024	0102
7439-92-1	Lead	66	D	11/10/2024	0102
7439-95-4	Magnesium	5800	D	11/10/2024	0102
7439-96-5	Manganese	1900	D	11/10/2024	0102
7440-02-0	Nickel	53	D	11/10/2024	0102
7440-09-7	Potassium	2900	D	11/10/2024	0102
7782-49-2	Selenium	4.9	UD	11/10/2024	0102
7440-22-4	Silver	1.4	UD	11/10/2024	0102
7440-23-5	Sodium	170	JD	11/10/2024	0102
7440-28-0	Thallium	3.5	UD	11/10/2024	0102
7440-62-2	Vanadium	73	D	11/10/2024	0102
7440-66-6	Zinc	120	D	11/10/2024	0102

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

Comments:

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MYE5E4

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE5D3

Matrix: SOIL Lab Sample ID: P4542-14

% Solids: 95.8 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	13000	D	11/13/2024	0420
7440-36-0	Antimony	0.92	JD	11/13/2024	0420
7440-38-2	Arsenic	42	D*	11/13/2024	0420
7440-39-3	Barium	600	D	11/13/2024	0420
7440-41-7	Beryllium	0.57	JD	11/13/2024	0420
7440-43-9	Cadmium	3.1	D	11/13/2024	0420
7440-70-2	Calcium	3800	D	11/13/2024	0420
7440-47-3	Chromium	38	D	11/13/2024	0420
7440-48-4	Cobalt	32	D	11/13/2024	0420
7440-50-8	Copper	160	D*	11/13/2024	0420
7439-89-6	Iron	42000	D	11/13/2024	0420
7439-92-1	Lead	65	D	11/13/2024	0420
7439-95-4	Magnesium	5200	D	11/13/2024	0420
7439-96-5	Manganese	10000	D	11/13/2024	0429
7440-02-0	Nickel	52	D	11/13/2024	0420
7440-09-7	Potassium	2900	D	11/13/2024	0420
7782-49-2	Selenium	5.2	UD	11/13/2024	0420
7440-22-4	Silver	1.5	UD	11/13/2024	0420
7440-23-5	Sodium	230	JD	11/13/2024	0420
7440-28-0	Thallium	4.1	D	11/13/2024	0420
7440-62-2	Vanadium	83	D	11/13/2024	0420
7440-66-6	Zinc	120	D	11/13/2024	0420

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

Comments:

FORM 1 - IN
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MYE5E5

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE5D3

Matrix: SOIL Lab Sample ID: P4542-15

% Solids: 94.9 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	13000	D	11/10/2024	0111
7440-36-0	Antimony	1.9	JD	11/10/2024	0111
7440-38-2	Arsenic	35	D*	11/10/2024	0111
7440-39-3	Barium	380	D	11/10/2024	0111
7440-41-7	Beryllium	0.80	JD	11/10/2024	0111
7440-43-9	Cadmium	1.6	D	11/10/2024	0111
7440-70-2	Calcium	4200	D	11/10/2024	0111
7440-47-3	Chromium	34	D	11/10/2024	0111
7440-48-4	Cobalt	23	D	11/10/2024	0111
7440-50-8	Copper	210	D*	11/10/2024	0111
7439-89-6	Iron	36000	D	11/10/2024	0111
7439-92-1	Lead	74	D	11/10/2024	0111
7439-95-4	Magnesium	5100	D	11/10/2024	0111
7439-96-5	Manganese	2300	D	11/10/2024	0111
7440-02-0	Nickel	52	D	11/10/2024	0111
7440-09-7	Potassium	2400	D	11/10/2024	0111
7782-49-2	Selenium	6.7	UD	11/10/2024	0111
7440-22-4	Silver	1.9	UD	11/10/2024	0111
7440-23-5	Sodium	960	UD	11/10/2024	0111
7440-28-0	Thallium	4.8	UD	11/10/2024	0111
7440-62-2	Vanadium	66	D	11/10/2024	0111
7440-66-6	Zinc	140	D	11/10/2024	0111

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

Comments:

FORM 1 - IN
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MYE5E6

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE5D3

Matrix: SOIL Lab Sample ID: P4542-16

% Solids: 95.4 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	15000	D	11/10/2024	0115
7440-36-0	Antimony	1.7	JD	11/10/2024	0115
7440-38-2	Arsenic	43	D*	11/10/2024	0115
7440-39-3	Barium	340	D	11/10/2024	0115
7440-41-7	Beryllium	0.94	JD	11/10/2024	0115
7440-43-9	Cadmium	1.1	D	11/10/2024	0115
7440-70-2	Calcium	4600	D	11/10/2024	0115
7440-47-3	Chromium	41	D	11/10/2024	0115
7440-48-4	Cobalt	26	D	11/10/2024	0115
7440-50-8	Copper	150	D*	11/10/2024	0115
7439-89-6	Iron	45000	D	11/10/2024	0115
7439-92-1	Lead	95	D	11/10/2024	0115
7439-95-4	Magnesium	6100	D	11/10/2024	0115
7439-96-5	Manganese	2300	D	11/10/2024	0115
7440-02-0	Nickel	52	D	11/10/2024	0115
7440-09-7	Potassium	2700	D	11/10/2024	0115
7782-49-2	Selenium	6.7	UD	11/10/2024	0115
7440-22-4	Silver	1.9	UD	11/10/2024	0115
7440-23-5	Sodium	950	UD	11/10/2024	0115
7440-28-0	Thallium	4.8	UD	11/10/2024	0115
7440-62-2	Vanadium	81	D	11/10/2024	0115
7440-66-6	Zinc	110	D	11/10/2024	0115

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

Comments:

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MYE5E7

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE5D3

Matrix: SOIL Lab Sample ID: P4542-17

% Solids: 89.9 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	17000	D	11/10/2024	0129
7440-36-0	Antimony	1.3	JD	11/10/2024	0129
7440-38-2	Arsenic	28	D*	11/10/2024	0129
7440-39-3	Barium	220	D	11/10/2024	0129
7440-41-7	Beryllium	0.81	JD	11/10/2024	0129
7440-43-9	Cadmium	0.78	JD	11/10/2024	0129
7440-70-2	Calcium	5000	D	11/10/2024	0129
7440-47-3	Chromium	42	D	11/10/2024	0129
7440-48-4	Cobalt	21	D	11/10/2024	0129
7440-50-8	Copper	110	D*	11/10/2024	0129
7439-89-6	Iron	37000	D	11/10/2024	0129
7439-92-1	Lead	40	D	11/10/2024	0129
7439-95-4	Magnesium	7700	D	11/10/2024	0129
7439-96-5	Manganese	1400	D	11/10/2024	0129
7440-02-0	Nickel	40	D	11/10/2024	0129
7440-09-7	Potassium	3200	D	11/10/2024	0129
7782-49-2	Selenium	6.1	UD	11/10/2024	0129
7440-22-4	Silver	1.8	UD	11/10/2024	0129
7440-23-5	Sodium	600	JD	11/10/2024	0129
7440-28-0	Thallium	4.4	UD	11/10/2024	0129
7440-62-2	Vanadium	73	D	11/10/2024	0129
7440-66-6	Zinc	110	D	11/10/2024	0129

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

Comments:

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MYE5E8

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE5D3

Matrix: SOIL Lab Sample ID: P4542-18

% Solids: 96.8 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	12000	D	11/10/2024	0133
7440-36-0	Antimony	2.4	JD	11/10/2024	0133
7440-38-2	Arsenic	58	D*	11/10/2024	0133
7440-39-3	Barium	320	D	11/10/2024	0133
7440-41-7	Beryllium	0.71	JD	11/10/2024	0133
7440-43-9	Cadmium	1.5	D	11/10/2024	0133
7440-70-2	Calcium	2200	D	11/10/2024	0133
7440-47-3	Chromium	34	D	11/10/2024	0133
7440-48-4	Cobalt	22	D	11/10/2024	0133
7440-50-8	Copper	220	D*	11/10/2024	0133
7439-89-6	Iron	48000	D	11/10/2024	0133
7439-92-1	Lead	85	D	11/10/2024	0133
7439-95-4	Magnesium	5200	D	11/10/2024	0133
7439-96-5	Manganese	2500	D	11/10/2024	0133
7440-02-0	Nickel	35	D	11/10/2024	0133
7440-09-7	Potassium	2700	D	11/10/2024	0133
7782-49-2	Selenium	6.9	UD	11/10/2024	0133
7440-22-4	Silver	2.0	UD	11/10/2024	0133
7440-23-5	Sodium	980	UD	11/10/2024	0133
7440-28-0	Thallium	4.9	UD	11/10/2024	0133
7440-62-2	Vanadium	91	D	11/10/2024	0133
7440-66-6	Zinc	140	D	11/10/2024	0133

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

Comments:

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MYE5E9

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE5D3

Matrix: SOIL Lab Sample ID: P4542-19

% Solids: 94.1 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	14000	D	11/10/2024	0138
7440-36-0	Antimony	1.4	JD	11/10/2024	0138
7440-38-2	Arsenic	37	D*	11/10/2024	0138
7440-39-3	Barium	450	D	11/10/2024	0138
7440-41-7	Beryllium	0.82	D	11/10/2024	0138
7440-43-9	Cadmium	1.7	D	11/10/2024	0138
7440-70-2	Calcium	5200	D	11/10/2024	0138
7440-47-3	Chromium	44	D	11/10/2024	0138
7440-48-4	Cobalt	30	D	11/10/2024	0138
7440-50-8	Copper	200	D*	11/10/2024	0138
7439-89-6	Iron	41000	D	11/10/2024	0138
7439-92-1	Lead	72	D	11/10/2024	0138
7439-95-4	Magnesium	5500	D	11/10/2024	0138
7439-96-5	Manganese	3900	D	11/10/2024	0138
7440-02-0	Nickel	66	D	11/10/2024	0138
7440-09-7	Potassium	2700	D	11/10/2024	0138
7782-49-2	Selenium	5.2	UD	11/10/2024	0138
7440-22-4	Silver	1.5	UD	11/10/2024	0138
7440-23-5	Sodium	190	JD	11/10/2024	0138
7440-28-0	Thallium	3.7	UD	11/10/2024	0138
7440-62-2	Vanadium	71	D	11/10/2024	0138
7440-66-6	Zinc	130	D	11/10/2024	0138

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

Comments:

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MYE5F0

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE5D3

Matrix: SOIL Lab Sample ID: P4542-20

% Solids: 91.1 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	13000	D	11/10/2024	0142
7440-36-0	Antimony	1.4	JD	11/10/2024	0142
7440-38-2	Arsenic	38	D*	11/10/2024	0142
7440-39-3	Barium	270	D	11/10/2024	0142
7440-41-7	Beryllium	0.79	JD	11/10/2024	0142
7440-43-9	Cadmium	0.97	D	11/10/2024	0142
7440-70-2	Calcium	3100	D	11/10/2024	0142
7440-47-3	Chromium	37	D	11/10/2024	0142
7440-48-4	Cobalt	23	D	11/10/2024	0142
7440-50-8	Copper	100	D*	11/10/2024	0142
7439-89-6	Iron	46000	D	11/10/2024	0142
7439-92-1	Lead	47	D	11/10/2024	0142
7439-95-4	Magnesium	5400	D	11/10/2024	0142
7439-96-5	Manganese	2000	D	11/10/2024	0142
7440-02-0	Nickel	40	D	11/10/2024	0142
7440-09-7	Potassium	2600	D	11/10/2024	0142
7782-49-2	Selenium	5.7	UD	11/10/2024	0142
7440-22-4	Silver	1.6	UD	11/10/2024	0142
7440-23-5	Sodium	640	JD	11/10/2024	0142
7440-28-0	Thallium	4.1	UD	11/10/2024	0142
7440-62-2	Vanadium	88	D	11/10/2024	0142
7440-66-6	Zinc	110	D	11/10/2024	0142

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

Comments:

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MYE5F1

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE5D3

Matrix: SOIL Lab Sample ID: P4542-21

% Solids: 86.4 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	11/10/2024	0146
7440-36-0	Antimony	1.6	JD	11/10/2024	0146
7440-38-2	Arsenic	49	D*	11/10/2024	0146
7440-39-3	Barium	230	D	11/10/2024	0146
7440-41-7	Beryllium	0.98	D	11/10/2024	0146
7440-43-9	Cadmium	0.81	D	11/10/2024	0146
7440-70-2	Calcium	2800	D	11/10/2024	0146
7440-47-3	Chromium	38	D	11/10/2024	0146
7440-48-4	Cobalt	25	D	11/10/2024	0146
7440-50-8	Copper	99	D*	11/10/2024	0146
7439-89-6	Iron	49000	D	11/10/2024	0146
7439-92-1	Lead	43	D	11/10/2024	0146
7439-95-4	Magnesium	6400	D	11/10/2024	0146
7439-96-5	Manganese	1900	D	11/10/2024	0146
7440-02-0	Nickel	44	D	11/10/2024	0146
7440-09-7	Potassium	1900	D	11/10/2024	0146
7782-49-2	Selenium	5.5	UD	11/10/2024	0146
7440-22-4	Silver	1.6	UD	11/10/2024	0146
7440-23-5	Sodium	190	JD	11/10/2024	0146
7440-28-0	Thallium	3.9	UD	11/10/2024	0146
7440-62-2	Vanadium	94	D	11/10/2024	0146
7440-66-6	Zinc	99	D	11/10/2024	0146

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

Comments:

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MYE5F2

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

Lab Code: ACE Case No.: 51817 MA No. : 3226.1 SDG No.: MYE5D3

Matrix: SOIL Lab Sample ID: P4542-22

% 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	11000	D	11/10/2024	0151
7440-36-0	Antimony	2.0	JD	11/10/2024	0151
7440-38-2	Arsenic	65	D*	11/10/2024	0151
7440-39-3	Barium	180	D	11/10/2024	0151
7440-41-7	Beryllium	0.55	JD	11/10/2024	0151
7440-43-9	Cadmium	1.3	D	11/10/2024	0151
7440-70-2	Calcium	2100	D	11/10/2024	0151
7440-47-3	Chromium	29	D	11/10/2024	0151
7440-48-4	Cobalt	19	D	11/10/2024	0151
7440-50-8	Copper	230	D*	11/10/2024	0151
7439-89-6	Iron	32000	D	11/10/2024	0151
7439-92-1	Lead	100	D	11/10/2024	0151
7439-95-4	Magnesium	5200	D	11/10/2024	0151
7439-96-5	Manganese	1800	D	11/10/2024	0151
7440-02-0	Nickel	29	D	11/10/2024	0151
7440-09-7	Potassium	2300	D	11/10/2024	0151
7782-49-2	Selenium	6.7	UD	11/10/2024	0151
7440-22-4	Silver	1.9	UD	11/10/2024	0151
7440-23-5	Sodium	960	UD	11/10/2024	0151
7440-28-0	Thallium	4.8	UD	11/10/2024	0151
7440-62-2	Vanadium	62	D	11/10/2024	0151
7440-66-6	Zinc	120	D	11/10/2024	0151

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

Comments: