

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYCYX9

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

Lab Code: ACE Case No.: 51779 MA No. : 3226.1 SDG No.: MYCYX9

Matrix: SOIL Lab Sample ID: P5181-01

% Solids: 98.7 Date Received: 12/06/2024

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	12/20/2024	0353
7440-36-0	Antimony	12	D	12/20/2024	0353
7440-38-2	Arsenic	100	D	12/20/2024	0353
7440-39-3	Barium	250	D	12/20/2024	0353
7440-41-7	Beryllium	1.7	D	12/20/2024	0353
7440-43-9	Cadmium	1.2	D	12/20/2024	0353
7440-70-2	Calcium	4600	D	12/20/2024	0353
7440-47-3	Chromium	59	D	12/20/2024	0353
7440-48-4	Cobalt	43	D	12/20/2024	0353
7440-50-8	Copper	150	D	12/20/2024	0353
7439-89-6	Iron	72000	D	12/20/2024	0353
7439-92-1	Lead	57	D	12/20/2024	0353
7439-95-4	Magnesium	13000	D	12/20/2024	0353
7439-96-5	Manganese	4500	D	12/20/2024	0353
7440-02-0	Nickel	49	D	12/20/2024	0353
7440-09-7	Potassium	1700	D	12/20/2024	0353
7782-49-2	Selenium	39	D	12/20/2024	0353
7440-22-4	Silver	2.0	D*	12/20/2024	0353
7440-23-5	Sodium	520	JD	12/20/2024	0353
7440-28-0	Thallium	4.3	UD	12/20/2024	0353
7440-62-2	Vanadium	140	D	12/20/2024	0353
7440-66-6	Zinc	110	D	12/20/2024	0353

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

Comments:

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MYCYY0

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

Lab Code: ACE Case No.: 51779 MA No. : 3226.1 SDG No.: MYCYX9

Matrix: SOIL Lab Sample ID: P5181-02

% Solids: 98.7 Date Received: 12/06/2024

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	12/20/2024	0357
7440-36-0	Antimony	14	D	12/20/2024	0357
7440-38-2	Arsenic	56	D	12/20/2024	0357
7440-39-3	Barium	300	D	12/20/2024	0357
7440-41-7	Beryllium	1.3	D	12/20/2024	0357
7440-43-9	Cadmium	1.1	D	12/20/2024	0357
7440-70-2	Calcium	4400	D	12/20/2024	0357
7440-47-3	Chromium	22	D	12/20/2024	0357
7440-48-4	Cobalt	35	D	12/20/2024	0357
7440-50-8	Copper	130	D	12/20/2024	0357
7439-89-6	Iron	75000	D	12/20/2024	0357
7439-92-1	Lead	69	D	12/20/2024	0357
7439-95-4	Magnesium	7500	D	12/20/2024	0357
7439-96-5	Manganese	6500	D	12/21/2024	1516
7440-02-0	Nickel	30	D	12/20/2024	0357
7440-09-7	Potassium	2700	D	12/20/2024	0357
7782-49-2	Selenium	41	D	12/20/2024	0357
7440-22-4	Silver	2.7	D*	12/20/2024	0357
7440-23-5	Sodium	470	JD	12/20/2024	0357
7440-28-0	Thallium	4.6	UD	12/20/2024	0357
7440-62-2	Vanadium	55	D	12/20/2024	0357
7440-66-6	Zinc	160	D	12/20/2024	0357

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

Comments:

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MYCYY1

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

Lab Code: ACE Case No.: 51779 MA No. : 3226.1 SDG No.: MYCYX9

Matrix: SOIL Lab Sample ID: P5181-03

% Solids: 98.4 Date Received: 12/06/2024

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	12/20/2024	0401
7440-36-0	Antimony	12	D	12/20/2024	0401
7440-38-2	Arsenic	69	D	12/20/2024	0401
7440-39-3	Barium	330	D	12/20/2024	0401
7440-41-7	Beryllium	1.3	D	12/20/2024	0401
7440-43-9	Cadmium	1.1	D	12/20/2024	0401
7440-70-2	Calcium	4800	D	12/20/2024	0401
7440-47-3	Chromium	36	D	12/20/2024	0401
7440-48-4	Cobalt	35	D	12/20/2024	0401
7440-50-8	Copper	150	D	12/20/2024	0401
7439-89-6	Iron	71000	D	12/20/2024	0401
7439-92-1	Lead	61	D	12/20/2024	0401
7439-95-4	Magnesium	9100	D	12/20/2024	0401
7439-96-5	Manganese	6300	D	12/21/2024	1520
7440-02-0	Nickel	37	D	12/20/2024	0401
7440-09-7	Potassium	2600	D	12/20/2024	0401
7782-49-2	Selenium	39	D	12/20/2024	0401
7440-22-4	Silver	2.4	D*	12/20/2024	0401
7440-23-5	Sodium	540	JD	12/20/2024	0401
7440-28-0	Thallium	3.7	UD	12/20/2024	0401
7440-62-2	Vanadium	85	D	12/20/2024	0401
7440-66-6	Zinc	140	D	12/20/2024	0401

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

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MYCYY2

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

Lab Code: ACE Case No.: 51779 MA No. : 3226.1 SDG No.: MYCYX9

Matrix: SOIL Lab Sample ID: P5181-04

% Solids: 98.9 Date Received: 12/06/2024

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	12/20/2024	0405
7440-36-0	Antimony	13	D	12/20/2024	0405
7440-38-2	Arsenic	41	D	12/20/2024	0405
7440-39-3	Barium	360	D	12/20/2024	0405
7440-41-7	Beryllium	1.0	D	12/20/2024	0405
7440-43-9	Cadmium	0.82	JD	12/20/2024	0405
7440-70-2	Calcium	4300	D	12/20/2024	0405
7440-47-3	Chromium	17	D	12/20/2024	0405
7440-48-4	Cobalt	33	D	12/20/2024	0405
7440-50-8	Copper	100	D	12/20/2024	0405
7439-89-6	Iron	75000	D	12/20/2024	0405
7439-92-1	Lead	68	D	12/20/2024	0405
7439-95-4	Magnesium	6100	D	12/20/2024	0405
7439-96-5	Manganese	8700	D	12/21/2024	1524
7440-02-0	Nickel	25	D	12/20/2024	0405
7440-09-7	Potassium	2100	D	12/20/2024	0405
7782-49-2	Selenium	42	D	12/20/2024	0405
7440-22-4	Silver	2.9	D*	12/20/2024	0405
7440-23-5	Sodium	440	JD	12/20/2024	0405
7440-28-0	Thallium	4.2	UD	12/20/2024	0405
7440-62-2	Vanadium	31	D	12/20/2024	0405
7440-66-6	Zinc	140	D	12/20/2024	0405

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

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MYCYY3

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

Lab Code: ACE Case No.: 51779 MA No. : 3226.1 SDG No.: MYCYX9

Matrix: SOIL Lab Sample ID: P5181-05

% Solids: 99.1 Date Received: 12/06/2024

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	12/20/2024	0408
7440-36-0	Antimony	11	JD	12/20/2024	0408
7440-38-2	Arsenic	68	D	12/20/2024	0408
7440-39-3	Barium	280	D	12/20/2024	0408
7440-41-7	Beryllium	1.2	D	12/20/2024	0408
7440-43-9	Cadmium	0.63	JD	12/20/2024	0408
7440-70-2	Calcium	4500	D	12/20/2024	0408
7440-47-3	Chromium	46	D	12/20/2024	0408
7440-48-4	Cobalt	41	D	12/20/2024	0408
7440-50-8	Copper	110	D	12/20/2024	0408
7439-89-6	Iron	65000	D	12/20/2024	0408
7439-92-1	Lead	46	D	12/20/2024	0408
7439-95-4	Magnesium	10000	D	12/20/2024	0408
7439-96-5	Manganese	5700	D	12/21/2024	1527
7440-02-0	Nickel	44	D	12/20/2024	0408
7440-09-7	Potassium	2100	D	12/20/2024	0408
7782-49-2	Selenium	35	D	12/20/2024	0408
7440-22-4	Silver	2.0	D*	12/20/2024	0408
7440-23-5	Sodium	640	JD	12/20/2024	0408
7440-28-0	Thallium	4.8	UD	12/20/2024	0408
7440-62-2	Vanadium	81	D	12/20/2024	0408
7440-66-6	Zinc	120	D	12/20/2024	0408

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

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MYCYY4

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

Lab Code: ACE Case No.: 51779 MA No. : 3226.1 SDG No.: MYCYX9

Matrix: SOIL Lab Sample ID: P5181-06

% Solids: 99 Date Received: 12/06/2024

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	12/20/2024	0412
7440-36-0	Antimony	13	D	12/20/2024	0412
7440-38-2	Arsenic	49	D	12/20/2024	0412
7440-39-3	Barium	220	D	12/20/2024	0412
7440-41-7	Beryllium	1.5	D	12/20/2024	0412
7440-43-9	Cadmium	0.54	JD	12/20/2024	0412
7440-70-2	Calcium	5300	D	12/20/2024	0412
7440-47-3	Chromium	25	D	12/20/2024	0412
7440-48-4	Cobalt	35	D	12/20/2024	0412
7440-50-8	Copper	88	D	12/20/2024	0412
7439-89-6	Iron	75000	D	12/20/2024	0412
7439-92-1	Lead	52	D	12/20/2024	0412
7439-95-4	Magnesium	8700	D	12/20/2024	0412
7439-96-5	Manganese	5200	D	12/20/2024	0412
7440-02-0	Nickel	29	D	12/20/2024	0412
7440-09-7	Potassium	3300	D	12/20/2024	0412
7782-49-2	Selenium	40	D	12/20/2024	0412
7440-22-4	Silver	1.8	D*	12/20/2024	0412
7440-23-5	Sodium	610	JD	12/20/2024	0412
7440-28-0	Thallium	4.5	UD	12/20/2024	0412
7440-62-2	Vanadium	59	D	12/20/2024	0412
7440-66-6	Zinc	130	D	12/20/2024	0412

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

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MYCYY5

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

Lab Code: ACE Case No.: 51779 MA No. : 3226.1 SDG No.: MYCYX9

Matrix: SOIL Lab Sample ID: P5181-07

% Solids: 98.8 Date Received: 12/06/2024

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	12/20/2024	0416
7440-36-0	Antimony	9.7	JD	12/20/2024	0416
7440-38-2	Arsenic	33	D	12/20/2024	0416
7440-39-3	Barium	270	D	12/20/2024	0416
7440-41-7	Beryllium	1.0	D	12/20/2024	0416
7440-43-9	Cadmium	0.21	JD	12/20/2024	0416
7440-70-2	Calcium	3600	D	12/20/2024	0416
7440-47-3	Chromium	19	D	12/20/2024	0416
7440-48-4	Cobalt	28	D	12/20/2024	0416
7440-50-8	Copper	37	D	12/20/2024	0416
7439-89-6	Iron	58000	D	12/20/2024	0416
7439-92-1	Lead	35	D	12/20/2024	0416
7439-95-4	Magnesium	6100	D	12/20/2024	0416
7439-96-5	Manganese	5800	D	12/21/2024	1531
7440-02-0	Nickel	23	D	12/20/2024	0416
7440-09-7	Potassium	1000	D	12/20/2024	0416
7782-49-2	Selenium	32	D	12/20/2024	0416
7440-22-4	Silver	1.8	D*	12/20/2024	0416
7440-23-5	Sodium	380	JD	12/20/2024	0416
7440-28-0	Thallium	4.4	UD	12/20/2024	0416
7440-62-2	Vanadium	43	D	12/20/2024	0416
7440-66-6	Zinc	91	D	12/20/2024	0416

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

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MYCYY6

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

Lab Code: ACE Case No.: 51779 MA No. : 3226.1 SDG No.: MYCYX9

Matrix: SOIL Lab Sample ID: P5181-08

% Solids: 98.8 Date Received: 12/06/2024

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	12/20/2024	0420
7440-36-0	Antimony	9.9	JD	12/20/2024	0420
7440-38-2	Arsenic	48	D	12/20/2024	0420
7440-39-3	Barium	220	D	12/20/2024	0420
7440-41-7	Beryllium	1.1	D	12/20/2024	0420
7440-43-9	Cadmium	0.40	JD	12/20/2024	0420
7440-70-2	Calcium	4800	D	12/20/2024	0420
7440-47-3	Chromium	20	D	12/20/2024	0420
7440-48-4	Cobalt	27	D	12/20/2024	0420
7440-50-8	Copper	56	D	12/20/2024	0420
7439-89-6	Iron	60000	D	12/20/2024	0420
7439-92-1	Lead	43	D	12/20/2024	0420
7439-95-4	Magnesium	6200	D	12/20/2024	0420
7439-96-5	Manganese	5600	D	12/21/2024	1535
7440-02-0	Nickel	24	D	12/20/2024	0420
7440-09-7	Potassium	2800	D	12/20/2024	0420
7782-49-2	Selenium	32	D	12/20/2024	0420
7440-22-4	Silver	1.6	JD [†]	12/20/2024	0420
7440-23-5	Sodium	540	JD	12/20/2024	0420
7440-28-0	Thallium	4.6	UD	12/20/2024	0420
7440-62-2	Vanadium	49	D	12/20/2024	0420
7440-66-6	Zinc	110	D	12/20/2024	0420

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

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MYCYY7

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

Lab Code: ACE Case No.: 51779 MA No. : 3226.1 SDG No.: MYCYX9

Matrix: SOIL Lab Sample ID: P5181-09

% Solids: 98.7 Date Received: 12/06/2024

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	12/20/2024	0424
7440-36-0	Antimony	11	D	12/20/2024	0424
7440-38-2	Arsenic	82	D	12/20/2024	0424
7440-39-3	Barium	220	D	12/20/2024	0424
7440-41-7	Beryllium	1.3	D	12/20/2024	0424
7440-43-9	Cadmium	0.77	JD	12/20/2024	0424
7440-70-2	Calcium	7000	D	12/20/2024	0424
7440-47-3	Chromium	47	D	12/20/2024	0424
7440-48-4	Cobalt	37	D	12/20/2024	0424
7440-50-8	Copper	110	D	12/20/2024	0424
7439-89-6	Iron	65000	D	12/20/2024	0424
7439-92-1	Lead	53	D	12/20/2024	0424
7439-95-4	Magnesium	11000	D	12/20/2024	0424
7439-96-5	Manganese	4800	D	12/20/2024	0424
7440-02-0	Nickel	41	D	12/20/2024	0424
7440-09-7	Potassium	4400	D	12/20/2024	0424
7782-49-2	Selenium	34	D	12/20/2024	0424
7440-22-4	Silver	1.7	D*	12/20/2024	0424
7440-23-5	Sodium	460	JD	12/20/2024	0424
7440-28-0	Thallium	4.2	UD	12/20/2024	0424
7440-62-2	Vanadium	110	D	12/20/2024	0424
7440-66-6	Zinc	120	D	12/20/2024	0424

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

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MYCYY8

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

Lab Code: ACE Case No.: 51779 MA No. : 3226.1 SDG No.: MYCYX9

Matrix: SOIL Lab Sample ID: P5181-10

% Solids: 98.7 Date Received: 12/06/2024

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	12/20/2024	0428
7440-36-0	Antimony	10	D	12/20/2024	0428
7440-38-2	Arsenic	25	D	12/20/2024	0428
7440-39-3	Barium	200	D	12/20/2024	0428
7440-41-7	Beryllium	1.2	D	12/20/2024	0428
7440-43-9	Cadmium	0.24	JD	12/20/2024	0428
7440-70-2	Calcium	4000	D	12/20/2024	0428
7440-47-3	Chromium	16	D	12/20/2024	0428
7440-48-4	Cobalt	28	D	12/20/2024	0428
7440-50-8	Copper	40	D	12/20/2024	0428
7439-89-6	Iron	63000	D	12/20/2024	0428
7439-92-1	Lead	36	D	12/20/2024	0428
7439-95-4	Magnesium	6200	D	12/20/2024	0428
7439-96-5	Manganese	5200	D	12/23/2024	1709
7440-02-0	Nickel	22	D	12/20/2024	0428
7440-09-7	Potassium	1800	D	12/20/2024	0428
7782-49-2	Selenium	33	D	12/20/2024	0428
7440-22-4	Silver	1.5	D*	12/20/2024	0428
7440-23-5	Sodium	560	JD	12/20/2024	0428
7440-28-0	Thallium	3.8	UD	12/20/2024	0428
7440-62-2	Vanadium	33	D	12/20/2024	0428
7440-66-6	Zinc	100	D	12/20/2024	0428

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

Comments:

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INORGANIC ANALYSIS DATA SHEET

MYCYY9

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

Lab Code: ACE Case No.: 51779 MA No. : 3226.1 SDG No.: MYCYX9

Matrix: SOIL Lab Sample ID: P5181-11

% Solids: 99.5 Date Received: 12/06/2024

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	12/20/2024	0431
7440-36-0	Antimony	12	D	12/20/2024	0431
7440-38-2	Arsenic	51	D	12/20/2024	0431
7440-39-3	Barium	360	D	12/20/2024	0431
7440-41-7	Beryllium	1.1	D	12/20/2024	0431
7440-43-9	Cadmium	0.69	JD	12/20/2024	0431
7440-70-2	Calcium	3600	D	12/20/2024	0431
7440-47-3	Chromium	22	D	12/20/2024	0431
7440-48-4	Cobalt	29	D	12/20/2024	0431
7440-50-8	Copper	80	D	12/20/2024	0431
7439-89-6	Iron	67000	D	12/20/2024	0431
7439-92-1	Lead	52	D	12/20/2024	0431
7439-95-4	Magnesium	6200	D	12/20/2024	0431
7439-96-5	Manganese	6800	D	12/21/2024	1539
7440-02-0	Nickel	27	D	12/20/2024	0431
7440-09-7	Potassium	2300	D	12/20/2024	0431
7782-49-2	Selenium	37	D	12/20/2024	0431
7440-22-4	Silver	2.0	D*	12/20/2024	0431
7440-23-5	Sodium	450	JD	12/20/2024	0431
7440-28-0	Thallium	4.3	UD	12/20/2024	0431
7440-62-2	Vanadium	56	D	12/20/2024	0431
7440-66-6	Zinc	120	D	12/20/2024	0431

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

Comments:

FORM 1 - IN
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MYCYZ0

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

Lab Code: ACE Case No.: 51779 MA No. : 3226.1 SDG No.: MYCYX9

Matrix: SOIL Lab Sample ID: P5181-12

% Solids: 99.6 Date Received: 12/06/2024

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	8400	D	12/20/2024	0435
7440-36-0	Antimony	13	D	12/20/2024	0435
7440-38-2	Arsenic	42	D	12/20/2024	0435
7440-39-3	Barium	440	D	12/20/2024	0435
7440-41-7	Beryllium	1.1	D	12/20/2024	0435
7440-43-9	Cadmium	0.83	JD	12/20/2024	0435
7440-70-2	Calcium	3100	D	12/20/2024	0435
7440-47-3	Chromium	16	D	12/20/2024	0435
7440-48-4	Cobalt	29	D	12/20/2024	0435
7440-50-8	Copper	84	D	12/20/2024	0435
7439-89-6	Iron	75000	D	12/20/2024	0435
7439-92-1	Lead	63	D	12/20/2024	0435
7439-95-4	Magnesium	4600	D	12/20/2024	0435
7439-96-5	Manganese	8300	D	12/21/2024	1543
7440-02-0	Nickel	25	D	12/20/2024	0435
7440-09-7	Potassium	1800	D	12/20/2024	0435
7782-49-2	Selenium	42	D	12/20/2024	0435
7440-22-4	Silver	2.4	D*	12/20/2024	0435
7440-23-5	Sodium	400	JD	12/20/2024	0435
7440-28-0	Thallium	4.4	UD	12/20/2024	0435
7440-62-2	Vanadium	39	D	12/20/2024	0435
7440-66-6	Zinc	140	D	12/20/2024	0435

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYCYZ1

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

Lab Code: ACE Case No.: 51779 MA No. : 3226.1 SDG No.: MYCYX9

Matrix: SOIL Lab Sample ID: P5181-13

% Solids: 99.4 Date Received: 12/06/2024

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	8800	D	12/20/2024	0439
7440-36-0	Antimony	11	D	12/20/2024	0439
7440-38-2	Arsenic	36	D	12/20/2024	0439
7440-39-3	Barium	280	D	12/20/2024	0439
7440-41-7	Beryllium	1.1	D	12/20/2024	0439
7440-43-9	Cadmium	0.58	JD	12/20/2024	0439
7440-70-2	Calcium	3100	D	12/20/2024	0439
7440-47-3	Chromium	14	D	12/20/2024	0439
7440-48-4	Cobalt	27	D	12/20/2024	0439
7440-50-8	Copper	78	D	12/20/2024	0439
7439-89-6	Iron	65000	D	12/20/2024	0439
7439-92-1	Lead	60	D	12/20/2024	0439
7439-95-4	Magnesium	4600	D	12/20/2024	0439
7439-96-5	Manganese	6900	D	12/21/2024	1547
7440-02-0	Nickel	22	D	12/20/2024	0439
7440-09-7	Potassium	2000	D	12/20/2024	0439
7782-49-2	Selenium	36	D	12/20/2024	0439
7440-22-4	Silver	1.9	D*	12/20/2024	0439
7440-23-5	Sodium	460	JD	12/20/2024	0439
7440-28-0	Thallium	4.4	UD	12/20/2024	0439
7440-62-2	Vanadium	32	D	12/20/2024	0439
7440-66-6	Zinc	120	D	12/20/2024	0439

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYCYZ2

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

Lab Code: ACE Case No.: 51779 MA No. : 3226.1 SDG No.: MYCYX9

Matrix: SOIL Lab Sample ID: P5181-14

% Solids: 98.9 Date Received: 12/06/2024

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	12/20/2024	0443
7440-36-0	Antimony	12	D	12/20/2024	0443
7440-38-2	Arsenic	70	D	12/20/2024	0443
7440-39-3	Barium	290	D	12/20/2024	0443
7440-41-7	Beryllium	1.2	D	12/20/2024	0443
7440-43-9	Cadmium	0.40	JD	12/20/2024	0443
7440-70-2	Calcium	4500	D	12/20/2024	0443
7440-47-3	Chromium	42	D	12/20/2024	0443
7440-48-4	Cobalt	36	D	12/20/2024	0443
7440-50-8	Copper	72	D	12/20/2024	0443
7439-89-6	Iron	67000	D	12/20/2024	0443
7439-92-1	Lead	37	D	12/20/2024	0443
7439-95-4	Magnesium	11000	D	12/20/2024	0443
7439-96-5	Manganese	6100	D	12/21/2024	1551
7440-02-0	Nickel	39	D	12/20/2024	0443
7440-09-7	Potassium	2800	D	12/20/2024	0443
7782-49-2	Selenium	37	D	12/20/2024	0443
7440-22-4	Silver	1.9	D*	12/20/2024	0443
7440-23-5	Sodium	700	JD	12/20/2024	0443
7440-28-0	Thallium	4.5	UD	12/20/2024	0443
7440-62-2	Vanadium	100	D	12/20/2024	0443
7440-66-6	Zinc	95	D	12/20/2024	0443

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

Comments:

FORM 1 - IN
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MYCYZ3

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

Lab Code: ACE Case No.: 51779 MA No. : 3226.1 SDG No.: MYCYX9

Matrix: SOIL Lab Sample ID: P5181-15

% Solids: 99.3 Date Received: 12/06/2024

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	8900	D	12/20/2024	0447
7440-36-0	Antimony	3.1	JD	12/20/2024	0447
7440-38-2	Arsenic	22	D	12/20/2024	0447
7440-39-3	Barium	97	D	12/20/2024	0447
7440-41-7	Beryllium	0.92	D	12/20/2024	0447
7440-43-9	Cadmium	0.20	JD	12/20/2024	0447
7440-70-2	Calcium	12000	D	12/20/2024	0447
7440-47-3	Chromium	11	D	12/20/2024	0447
7440-48-4	Cobalt	16	D	12/20/2024	0447
7440-50-8	Copper	19	D	12/20/2024	0447
7439-89-6	Iron	24000	D	12/20/2024	0447
7439-92-1	Lead	18	D	12/20/2024	0447
7439-95-4	Magnesium	4500	D	12/20/2024	0447
7439-96-5	Manganese	520	D	12/20/2024	0447
7440-02-0	Nickel	14	D	12/20/2024	0447
7440-09-7	Potassium	1800	D	12/20/2024	0447
7782-49-2	Selenium	9.1	D	12/20/2024	0447
7440-22-4	Silver	0.34	JD [†]	12/20/2024	0447
7440-23-5	Sodium	490	JD	12/20/2024	0447
7440-28-0	Thallium	4.4	UD	12/20/2024	0447
7440-62-2	Vanadium	39	D	12/20/2024	0447
7440-66-6	Zinc	48	D	12/20/2024	0447

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYCYZ4

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

Lab Code: ACE Case No.: 51779 MA No. : 3226.1 SDG No.: MYCYX9

Matrix: SOIL Lab Sample ID: P5181-16

% Solids: 98.1 Date Received: 12/06/2024

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	12/20/2024	0451
7440-36-0	Antimony	4.2	JD	12/20/2024	0451
7440-38-2	Arsenic	84	D	12/20/2024	0451
7440-39-3	Barium	140	D	12/20/2024	0451
7440-41-7	Beryllium	1.1	D	12/20/2024	0451
7440-43-9	Cadmium	0.75	JD	12/20/2024	0451
7440-70-2	Calcium	13000	D	12/20/2024	0451
7440-47-3	Chromium	14	D	12/20/2024	0451
7440-48-4	Cobalt	20	D	12/20/2024	0451
7440-50-8	Copper	40	D	12/20/2024	0451
7439-89-6	Iron	30000	D	12/20/2024	0451
7439-92-1	Lead	53	D	12/20/2024	0451
7439-95-4	Magnesium	7800	D	12/20/2024	0451
7439-96-5	Manganese	690	D	12/20/2024	0451
7440-02-0	Nickel	22	D	12/20/2024	0451
7440-09-7	Potassium	2400	D	12/20/2024	0451
7782-49-2	Selenium	14	D	12/20/2024	0451
7440-22-4	Silver	0.66	JD [†]	12/20/2024	0451
7440-23-5	Sodium	530	JD	12/20/2024	0451
7440-28-0	Thallium	3.8	UD	12/20/2024	0451
7440-62-2	Vanadium	46	D	12/20/2024	0451
7440-66-6	Zinc	170	D	12/20/2024	0451

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYCYZ5

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

Lab Code: ACE Case No.: 51779 MA No. : 3226.1 SDG No.: MYCYX9

Matrix: SOIL Lab Sample ID: P5181-17

% Solids: 98.5 Date Received: 12/06/2024

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	12/20/2024	0454
7440-36-0	Antimony	3.9	JD	12/20/2024	0454
7440-38-2	Arsenic	43	D	12/20/2024	0454
7440-39-3	Barium	110	D	12/20/2024	0454
7440-41-7	Beryllium	1.0	D	12/20/2024	0454
7440-43-9	Cadmium	0.39	JD	12/20/2024	0454
7440-70-2	Calcium	6800	D	12/20/2024	0454
7440-47-3	Chromium	11	D	12/20/2024	0454
7440-48-4	Cobalt	17	D	12/20/2024	0454
7440-50-8	Copper	27	D	12/20/2024	0454
7439-89-6	Iron	28000	D	12/20/2024	0454
7439-92-1	Lead	31	D	12/20/2024	0454
7439-95-4	Magnesium	5900	D	12/20/2024	0454
7439-96-5	Manganese	580	D	12/20/2024	0454
7440-02-0	Nickel	17	D	12/20/2024	0454
7440-09-7	Potassium	2100	D	12/20/2024	0454
7782-49-2	Selenium	13	D	12/20/2024	0454
7440-22-4	Silver	0.67	JD [†]	12/20/2024	0454
7440-23-5	Sodium	520	JD	12/20/2024	0454
7440-28-0	Thallium	4.2	UD	12/20/2024	0454
7440-62-2	Vanadium	45	D	12/20/2024	0454
7440-66-6	Zinc	99	D	12/20/2024	0454

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

Comments:

FORM 1 - IN
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MYCYZ6

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

Lab Code: ACE Case No.: 51779 MA No. : 3226.1 SDG No.: MYCYX9

Matrix: SOIL Lab Sample ID: P5181-18

% Solids: 98.3 Date Received: 12/06/2024

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	9700	D	12/20/2024	0458
7440-36-0	Antimony	2.5	JD	12/20/2024	0458
7440-38-2	Arsenic	22	D	12/20/2024	0458
7440-39-3	Barium	98	D	12/20/2024	0458
7440-41-7	Beryllium	0.86	D	12/20/2024	0458
7440-43-9	Cadmium	0.22	JD	12/20/2024	0458
7440-70-2	Calcium	5400	D	12/20/2024	0458
7440-47-3	Chromium	10	D	12/20/2024	0458
7440-48-4	Cobalt	14	D	12/20/2024	0458
7440-50-8	Copper	21	D	12/20/2024	0458
7439-89-6	Iron	23000	D	12/20/2024	0458
7439-92-1	Lead	16	D	12/20/2024	0458
7439-95-4	Magnesium	4800	D	12/20/2024	0458
7439-96-5	Manganese	540	D	12/20/2024	0458
7440-02-0	Nickel	14	D	12/20/2024	0458
7440-09-7	Potassium	2100	D	12/20/2024	0458
7782-49-2	Selenium	9.9	D	12/20/2024	0458
7440-22-4	Silver	0.28	JD [†]	12/20/2024	0458
7440-23-5	Sodium	470	JD	12/20/2024	0458
7440-28-0	Thallium	4.2	UD	12/20/2024	0458
7440-62-2	Vanadium	34	D	12/20/2024	0458
7440-66-6	Zinc	52	D	12/20/2024	0458

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

Comments:

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MYCYZ7

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

Lab Code: ACE Case No.: 51779 MA No. : 3226.1 SDG No.: MYCYX9

Matrix: SOIL Lab Sample ID: P5181-19

% Solids: 99 Date Received: 12/06/2024

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	12/20/2024	0510
7440-36-0	Antimony	3.9	JD	12/20/2024	0510
7440-38-2	Arsenic	93	D	12/20/2024	0510
7440-39-3	Barium	100	D	12/20/2024	0510
7440-41-7	Beryllium	0.93	D	12/20/2024	0510
7440-43-9	Cadmium	1.1	D	12/20/2024	0510
7440-70-2	Calcium	5300	D	12/20/2024	0510
7440-47-3	Chromium	11	D	12/20/2024	0510
7440-48-4	Cobalt	16	D	12/20/2024	0510
7440-50-8	Copper	35	D	12/20/2024	0510
7439-89-6	Iron	26000	D	12/20/2024	0510
7439-92-1	Lead	76	D	12/20/2024	0510
7439-95-4	Magnesium	5300	D	12/20/2024	0510
7439-96-5	Manganese	610	D	12/20/2024	0510
7440-02-0	Nickel	16	D	12/20/2024	0510
7440-09-7	Potassium	2500	D	12/20/2024	0510
7782-49-2	Selenium	12	D	12/20/2024	0510
7440-22-4	Silver	0.73	JD [†]	12/20/2024	0510
7440-23-5	Sodium	440	JD	12/20/2024	0510
7440-28-0	Thallium	4.3	UD	12/20/2024	0510
7440-62-2	Vanadium	36	D	12/20/2024	0510
7440-66-6	Zinc	250	D	12/20/2024	0510

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

Comments:

FORM 1 - IN
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MYCYZ8

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

Lab Code: ACE Case No.: 51779 MA No. : 3226.1 SDG No.: MYCYX9

Matrix: SOIL Lab Sample ID: P5181-20

% Solids: 99 Date Received: 12/06/2024

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	12/20/2024	0514
7440-36-0	Antimony	3.6	JD	12/20/2024	0514
7440-38-2	Arsenic	22	D	12/20/2024	0514
7440-39-3	Barium	100	D	12/20/2024	0514
7440-41-7	Beryllium	0.95	D	12/20/2024	0514
7440-43-9	Cadmium	0.18	JD	12/20/2024	0514
7440-70-2	Calcium	6400	D	12/20/2024	0514
7440-47-3	Chromium	14	D	12/20/2024	0514
7440-48-4	Cobalt	15	D	12/20/2024	0514
7440-50-8	Copper	20	D	12/20/2024	0514
7439-89-6	Iron	26000	D	12/20/2024	0514
7439-92-1	Lead	15	D	12/20/2024	0514
7439-95-4	Magnesium	5400	D	12/20/2024	0514
7439-96-5	Manganese	550	D	12/20/2024	0514
7440-02-0	Nickel	16	D	12/20/2024	0514
7440-09-7	Potassium	2300	D	12/20/2024	0514
7782-49-2	Selenium	11	D	12/20/2024	0514
7440-22-4	Silver	0.31	JD [†]	12/20/2024	0514
7440-23-5	Sodium	500	JD	12/20/2024	0514
7440-28-0	Thallium	4.2	UD	12/20/2024	0514
7440-62-2	Vanadium	38	D	12/20/2024	0514
7440-66-6	Zinc	49	D	12/20/2024	0514

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

Comments: