

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYDBD4

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDBD4

Matrix: SOIL Lab Sample ID: P4332-01

% Solids: 96.6 Date Received: 10/07/2024

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	100000	D	10/25/2024	2330
7440-36-0	Antimony	13	D*	10/25/2024	2330
7440-38-2	Arsenic	140	D	10/25/2024	2330
7440-39-3	Barium	350	D	10/25/2024	2330
7440-41-7	Beryllium	6.7	D	10/25/2024	2330
7440-43-9	Cadmium	16	D	10/25/2024	2330
7440-70-2	Calcium	6000	D	10/25/2024	2330
7440-47-3	Chromium	290	D*	10/25/2024	2330
7440-48-4	Cobalt	21	D	10/25/2024	2330
7440-50-8	Copper	3900	D	10/25/2024	2330
7439-89-6	Iron	26000	D	10/25/2024	2330
7439-92-1	Lead	690	D	10/25/2024	2330
7439-95-4	Magnesium	14000	D	10/25/2024	2330
7439-96-5	Manganese	840	D	10/25/2024	2330
7440-02-0	Nickel	170	D	10/25/2024	2330
7440-09-7	Potassium	2800	D	10/25/2024	2330
7782-49-2	Selenium	7.2	D*	10/25/2024	2330
7440-22-4	Silver	5.3	D	10/25/2024	2330
7440-23-5	Sodium	440	JD	10/25/2024	2330
7440-28-0	Thallium	4.5	UD	10/25/2024	2330
7440-62-2	Vanadium	62	D	10/25/2024	2330
7440-66-6	Zinc	2700	D	10/25/2024	2330

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

Comments:

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MYDBD5

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDBD4

Matrix: SOIL Lab Sample ID: P4332-02

% Solids: 96.5 Date Received: 10/07/2024

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	52000	D	10/25/2024	2334
7440-36-0	Antimony	5.3	JD [†]	10/25/2024	2334
7440-38-2	Arsenic	160	D	10/25/2024	2334
7440-39-3	Barium	470	D	10/25/2024	2334
7440-41-7	Beryllium	3.7	D	10/25/2024	2334
7440-43-9	Cadmium	14	D	10/25/2024	2334
7440-70-2	Calcium	7100	D	10/25/2024	2334
7440-47-3	Chromium	130	D*	10/25/2024	2334
7440-48-4	Cobalt	26	D	10/25/2024	2334
7440-50-8	Copper	2600	D	10/25/2024	2334
7439-89-6	Iron	59000	D	10/25/2024	2334
7439-92-1	Lead	680	D	10/25/2024	2334
7439-95-4	Magnesium	9400	D	10/25/2024	2334
7439-96-5	Manganese	850	D	10/25/2024	2334
7440-02-0	Nickel	120	D	10/25/2024	2334
7440-09-7	Potassium	3600	D	10/25/2024	2334
7782-49-2	Selenium	3.9	JD [†]	10/25/2024	2334
7440-22-4	Silver	1.4	JD	10/25/2024	2334
7440-23-5	Sodium	320	JD	10/25/2024	2334
7440-28-0	Thallium	4.6	UD	10/25/2024	2334
7440-62-2	Vanadium	59	D	10/25/2024	2334
7440-66-6	Zinc	1900	D	10/25/2024	2334

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

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MYDBD6

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDBD4

Matrix: SOIL Lab Sample ID: P4332-03

% Solids: 97.1 Date Received: 10/07/2024

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	110000	D	10/25/2024	2339
7440-36-0	Antimony	15	D*	10/25/2024	2339
7440-38-2	Arsenic	79	D	10/25/2024	2339
7440-39-3	Barium	280	D	10/25/2024	2339
7440-41-7	Beryllium	7.4	D	10/25/2024	2339
7440-43-9	Cadmium	14	D	10/25/2024	2339
7440-70-2	Calcium	5000	D	10/25/2024	2339
7440-47-3	Chromium	370	D*	10/25/2024	2339
7440-48-4	Cobalt	20	D	10/25/2024	2339
7440-50-8	Copper	4300	D	10/25/2024	2339
7439-89-6	Iron	22000	D	10/25/2024	2339
7439-92-1	Lead	740	D	10/25/2024	2339
7439-95-4	Magnesium	18000	D	10/25/2024	2339
7439-96-5	Manganese	740	D	10/25/2024	2339
7440-02-0	Nickel	210	D	10/25/2024	2339
7440-09-7	Potassium	2600	D	10/25/2024	2339
7782-49-2	Selenium	5.8	JD*	10/25/2024	2339
7440-22-4	Silver	7.1	D	10/25/2024	2339
7440-23-5	Sodium	380	JD	10/25/2024	2339
7440-28-0	Thallium	4.2	UD	10/25/2024	2339
7440-62-2	Vanadium	58	D	10/25/2024	2339
7440-66-6	Zinc	2900	D	10/25/2024	2339

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

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MYDBD7

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDBD4

Matrix: SOIL Lab Sample ID: P4332-04

% Solids: 97.2 Date Received: 10/07/2024

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	53000	D	10/25/2024	2343
7440-36-0	Antimony	5.8	JD [†]	10/25/2024	2343
7440-38-2	Arsenic	160	D	10/25/2024	2343
7440-39-3	Barium	510	D	10/25/2024	2343
7440-41-7	Beryllium	3.6	D	10/25/2024	2343
7440-43-9	Cadmium	12	D	10/25/2024	2343
7440-70-2	Calcium	7200	D	10/25/2024	2343
7440-47-3	Chromium	150	D*	10/25/2024	2343
7440-48-4	Cobalt	28	D	10/25/2024	2343
7440-50-8	Copper	2200	D	10/25/2024	2343
7439-89-6	Iron	34000	D	10/25/2024	2343
7439-92-1	Lead	470	D	10/25/2024	2343
7439-95-4	Magnesium	9100	D	10/25/2024	2343
7439-96-5	Manganese	830	D	10/25/2024	2343
7440-02-0	Nickel	130	D	10/25/2024	2343
7440-09-7	Potassium	2900	D	10/25/2024	2343
7782-49-2	Selenium	1.7	JD [†]	10/25/2024	2343
7440-22-4	Silver	2.1	D	10/25/2024	2343
7440-23-5	Sodium	730	JD	10/25/2024	2343
7440-28-0	Thallium	3.7	UD	10/25/2024	2343
7440-62-2	Vanadium	62	D	10/25/2024	2343
7440-66-6	Zinc	1400	D	10/25/2024	2343

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

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MYDBD8

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDBD4

Matrix: SOIL Lab Sample ID: P4332-05

% Solids: 97.1 Date Received: 10/07/2024

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	110000	D	10/25/2024	2347
7440-36-0	Antimony	16	D*	10/25/2024	2347
7440-38-2	Arsenic	85	D	10/25/2024	2347
7440-39-3	Barium	280	D	10/25/2024	2347
7440-41-7	Beryllium	7.5	D	10/25/2024	2347
7440-43-9	Cadmium	14	D	10/25/2024	2347
7440-70-2	Calcium	5100	D	10/25/2024	2347
7440-47-3	Chromium	310	D*	10/25/2024	2347
7440-48-4	Cobalt	18	D	10/25/2024	2347
7440-50-8	Copper	4100	D	10/25/2024	2347
7439-89-6	Iron	23000	D	10/25/2024	2347
7439-92-1	Lead	760	D	10/25/2024	2347
7439-95-4	Magnesium	18000	D	10/25/2024	2347
7439-96-5	Manganese	720	D	10/25/2024	2347
7440-02-0	Nickel	170	D	10/25/2024	2347
7440-09-7	Potassium	2800	D	10/25/2024	2347
7782-49-2	Selenium	8.7	D*	10/25/2024	2347
7440-22-4	Silver	6.8	D	10/25/2024	2347
7440-23-5	Sodium	410	JD	10/25/2024	2347
7440-28-0	Thallium	3.7	UD	10/25/2024	2347
7440-62-2	Vanadium	57	D	10/25/2024	2347
7440-66-6	Zinc	2800	D	10/25/2024	2347

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

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MYDBD9

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDBD4

Matrix: SOIL Lab Sample ID: P4332-06

% Solids: 97.1 Date Received: 10/07/2024

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	33000	D	10/25/2024	2352
7440-36-0	Antimony	6.2	JD [†]	10/25/2024	2352
7440-38-2	Arsenic	270	D	10/25/2024	2352
7440-39-3	Barium	400	D	10/25/2024	2352
7440-41-7	Beryllium	2.3	D	10/25/2024	2352
7440-43-9	Cadmium	11	D	10/25/2024	2352
7440-70-2	Calcium	6700	D	10/25/2024	2352
7440-47-3	Chromium	110	D*	10/25/2024	2352
7440-48-4	Cobalt	26	D	10/25/2024	2352
7440-50-8	Copper	2000	D	10/25/2024	2352
7439-89-6	Iron	35000	D	10/25/2024	2352
7439-92-1	Lead	610	D	10/25/2024	2352
7439-95-4	Magnesium	9000	D	10/25/2024	2352
7439-96-5	Manganese	790	D	10/25/2024	2352
7440-02-0	Nickel	110	D	10/25/2024	2352
7440-09-7	Potassium	2400	D	10/25/2024	2352
7782-49-2	Selenium	1.6	JD [†]	10/25/2024	2352
7440-22-4	Silver	3.6	D	10/25/2024	2352
7440-23-5	Sodium	640	JD	10/25/2024	2352
7440-28-0	Thallium	4.3	UD	10/25/2024	2352
7440-62-2	Vanadium	59	D	10/25/2024	2352
7440-66-6	Zinc	960	D	10/25/2024	2352

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

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MYDBE0

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDBD4

Matrix: SOIL Lab Sample ID: P4332-07

% Solids: 97 Date Received: 10/07/2024

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	36000	D	10/26/2024	0005
7440-36-0	Antimony	7.8	JD [†]	10/26/2024	0005
7440-38-2	Arsenic	320	D	10/26/2024	0005
7440-39-3	Barium	520	D	10/26/2024	0005
7440-41-7	Beryllium	2.6	D	10/26/2024	0005
7440-43-9	Cadmium	12	D	10/26/2024	0005
7440-70-2	Calcium	6800	D	10/26/2024	0005
7440-47-3	Chromium	110	D*	10/26/2024	0005
7440-48-4	Cobalt	33	D	10/26/2024	0005
7440-50-8	Copper	2200	D	10/26/2024	0005
7439-89-6	Iron	41000	D	10/26/2024	0005
7439-92-1	Lead	670	D	10/26/2024	0005
7439-95-4	Magnesium	9200	D	10/26/2024	0005
7439-96-5	Manganese	950	D	10/26/2024	0005
7440-02-0	Nickel	110	D	10/26/2024	0005
7440-09-7	Potassium	2600	D	10/26/2024	0005
7782-49-2	Selenium	3.1	JD [†]	10/26/2024	0005
7440-22-4	Silver	3.9	D	10/26/2024	0005
7440-23-5	Sodium	440	JD	10/26/2024	0005
7440-28-0	Thallium	4.1	UD	10/26/2024	0005
7440-62-2	Vanadium	66	D	10/26/2024	0005
7440-66-6	Zinc	1000	D	10/26/2024	0005

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

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MYDBE1

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDBD4

Matrix: SOIL Lab Sample ID: P4332-08

% Solids: 95.2 Date Received: 10/07/2024

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	78000	D	10/26/2024	0009
7440-36-0	Antimony	16	D*	10/26/2024	0009
7440-38-2	Arsenic	170	D	10/26/2024	0009
7440-39-3	Barium	330	D	10/26/2024	0009
7440-41-7	Beryllium	6.2	D	10/26/2024	0009
7440-43-9	Cadmium	13	D	10/26/2024	0009
7440-70-2	Calcium	11000	D	10/26/2024	0009
7440-47-3	Chromium	220	D*	10/26/2024	0009
7440-48-4	Cobalt	23	D	10/26/2024	0009
7440-50-8	Copper	3600	D	10/26/2024	0009
7439-89-6	Iron	28000	D	10/26/2024	0009
7439-92-1	Lead	690	D	10/26/2024	0009
7439-95-4	Magnesium	11000	D	10/26/2024	0009
7439-96-5	Manganese	750	D	10/26/2024	0009
7440-02-0	Nickel	150	D	10/26/2024	0009
7440-09-7	Potassium	2400	D	10/26/2024	0009
7782-49-2	Selenium	5.0	JD*	10/26/2024	0009
7440-22-4	Silver	6.2	D	10/26/2024	0009
7440-23-5	Sodium	370	JD	10/26/2024	0009
7440-28-0	Thallium	4.2	UD	10/26/2024	0009
7440-62-2	Vanadium	50	D	10/26/2024	0009
7440-66-6	Zinc	2600	D	10/26/2024	0009

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

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MYDBE2

Lab Name: Alliance Technical Group, LLC

Contract: 68HERH20D0011

Lab Code: ACE Case No.: 51772

MA No. : 3226.1 SDG No.: MYDBD4

Matrix: SOIL

Lab Sample ID: P4332-09

% Solids: 94.8

Date Received: 10/07/2024

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	35000	D	10/26/2024	0014
7440-36-0	Antimony	0.95	JD*	10/26/2024	0014
7440-38-2	Arsenic	78	D	10/26/2024	0014
7440-39-3	Barium	580	D	10/26/2024	0014
7440-41-7	Beryllium	2.1	D	10/26/2024	0014
7440-43-9	Cadmium	6.0	D	10/26/2024	0014
7440-70-2	Calcium	8300	D	10/26/2024	0014
7440-47-3	Chromium	97	D*	10/26/2024	0014
7440-48-4	Cobalt	27	D	10/26/2024	0014
7440-50-8	Copper	830	D	10/26/2024	0014
7439-89-6	Iron	37000	D	10/26/2024	0014
7439-92-1	Lead	210	D	10/26/2024	0014
7439-95-4	Magnesium	10000	D	10/26/2024	0014
7439-96-5	Manganese	800	D	10/26/2024	0014
7440-02-0	Nickel	130	D	10/26/2024	0014
7440-09-7	Potassium	2900	D	10/26/2024	0014
7782-49-2	Selenium	1.6	JD*	10/26/2024	0014
7440-22-4	Silver	1.7	UD	10/26/2024	0014
7440-23-5	Sodium	380	JD	10/26/2024	0014
7440-28-0	Thallium	4.3	UD	10/26/2024	0014
7440-62-2	Vanadium	76	D	10/26/2024	0014
7440-66-6	Zinc	510	D	10/26/2024	0014

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

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MYDBE3

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDBD4

Matrix: SOIL Lab Sample ID: P4332-10

% Solids: 96.2 Date Received: 10/07/2024

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	31000	D	10/26/2024	0018
7440-36-0	Antimony	2.1	JD [†]	10/26/2024	0018
7440-38-2	Arsenic	110	D	10/26/2024	0018
7440-39-3	Barium	440	D	10/26/2024	0018
7440-41-7	Beryllium	1.9	D	10/26/2024	0018
7440-43-9	Cadmium	9.1	D	10/26/2024	0018
7440-70-2	Calcium	9700	D	10/26/2024	0018
7440-47-3	Chromium	83	D*	10/26/2024	0018
7440-48-4	Cobalt	35	D	10/26/2024	0018
7440-50-8	Copper	1200	D	10/26/2024	0018
7439-89-6	Iron	38000	D	10/26/2024	0018
7439-92-1	Lead	260	D	10/26/2024	0018
7439-95-4	Magnesium	13000	D	10/26/2024	0018
7439-96-5	Manganese	1000	D	10/26/2024	0018
7440-02-0	Nickel	150	D	10/26/2024	0018
7440-09-7	Potassium	2800	D	10/26/2024	0018
7782-49-2	Selenium	1.2	JD [†]	10/26/2024	0018
7440-22-4	Silver	1.4	UD	10/26/2024	0018
7440-23-5	Sodium	930	D	10/26/2024	0018
7440-28-0	Thallium	3.6	UD	10/26/2024	0018
7440-62-2	Vanadium	71	D	10/26/2024	0018
7440-66-6	Zinc	580	D	10/26/2024	0018

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

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MYDBE4

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDBD4

Matrix: SOIL Lab Sample ID: P4332-11

% Solids: 96 Date Received: 10/07/2024

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	58000	D	10/26/2024	0022
7440-36-0	Antimony	9.0	JD [†]	10/26/2024	0022
7440-38-2	Arsenic	210	D	10/26/2024	0022
7440-39-3	Barium	430	D	10/26/2024	0022
7440-41-7	Beryllium	4.0	D	10/26/2024	0022
7440-43-9	Cadmium	13	D	10/26/2024	0022
7440-70-2	Calcium	7200	D	10/26/2024	0022
7440-47-3	Chromium	160	D*	10/26/2024	0022
7440-48-4	Cobalt	25	D	10/26/2024	0022
7440-50-8	Copper	2800	D	10/26/2024	0022
7439-89-6	Iron	33000	D	10/26/2024	0022
7439-92-1	Lead	700	D	10/26/2024	0022
7439-95-4	Magnesium	8700	D	10/26/2024	0022
7439-96-5	Manganese	810	D	10/26/2024	0022
7440-02-0	Nickel	130	D	10/26/2024	0022
7440-09-7	Potassium	3000	D	10/26/2024	0022
7782-49-2	Selenium	3.7	JD [†]	10/26/2024	0022
7440-22-4	Silver	4.1	D	10/26/2024	0022
7440-23-5	Sodium	320	JD	10/26/2024	0022
7440-28-0	Thallium	4.8	UD	10/26/2024	0022
7440-62-2	Vanadium	57	D	10/26/2024	0022
7440-66-6	Zinc	1700	D	10/26/2024	0022

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYDBE5

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDBD4

Matrix: SOIL Lab Sample ID: P4332-12

% Solids: 96.2 Date Received: 10/07/2024

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	45000	D	10/26/2024	0027
7440-36-0	Antimony	8.0	JD [†]	10/26/2024	0027
7440-38-2	Arsenic	240	D	10/26/2024	0027
7440-39-3	Barium	750	D	10/26/2024	0027
7440-41-7	Beryllium	3.8	D	10/26/2024	0027
7440-43-9	Cadmium	14	D	10/26/2024	0027
7440-70-2	Calcium	7100	D	10/26/2024	0027
7440-47-3	Chromium	110	D*	10/26/2024	0027
7440-48-4	Cobalt	29	D	10/26/2024	0027
7440-50-8	Copper	3300	D	10/26/2024	0027
7439-89-6	Iron	90000	D	10/26/2024	0027
7439-92-1	Lead	1000	D	10/26/2024	0027
7439-95-4	Magnesium	8200	D	10/26/2024	0027
7439-96-5	Manganese	920	D	10/26/2024	0027
7440-02-0	Nickel	97	D	10/26/2024	0027
7440-09-7	Potassium	4400	D	10/26/2024	0027
7782-49-2	Selenium	5.4	JD [†]	10/26/2024	0027
7440-22-4	Silver	2.0	D	10/26/2024	0027
7440-23-5	Sodium	500	JD	10/26/2024	0027
7440-28-0	Thallium	4.0	UD	10/26/2024	0027
7440-62-2	Vanadium	56	D	10/26/2024	0027
7440-66-6	Zinc	2200	D	10/26/2024	0027

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYDBE6

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDBD4

Matrix: SOIL Lab Sample ID: P4332-13

% Solids: 96.7 Date Received: 10/07/2024

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	31000	D	10/26/2024	0031
7440-36-0	Antimony	4.0	JD [†]	10/26/2024	0031
7440-38-2	Arsenic	120	D	10/26/2024	0031
7440-39-3	Barium	530	D	10/26/2024	0031
7440-41-7	Beryllium	2.0	D	10/26/2024	0031
7440-43-9	Cadmium	8.4	D	10/26/2024	0031
7440-70-2	Calcium	8700	D	10/26/2024	0031
7440-47-3	Chromium	89	D*	10/26/2024	0031
7440-48-4	Cobalt	28	D	10/26/2024	0031
7440-50-8	Copper	1400	D	10/26/2024	0031
7439-89-6	Iron	34000	D	10/26/2024	0031
7439-92-1	Lead	340	D	10/26/2024	0031
7439-95-4	Magnesium	8100	D	10/26/2024	0031
7439-96-5	Manganese	870	D	10/26/2024	0031
7440-02-0	Nickel	100	D	10/26/2024	0031
7440-09-7	Potassium	2800	D	10/26/2024	0031
7782-49-2	Selenium	1.8	JD [†]	10/26/2024	0031
7440-22-4	Silver	1.1	JD	10/26/2024	0031
7440-23-5	Sodium	380	JD	10/26/2024	0031
7440-28-0	Thallium	4.5	UD	10/26/2024	0031
7440-62-2	Vanadium	61	D	10/26/2024	0031
7440-66-6	Zinc	740	D	10/26/2024	0031

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYDBE7

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDBD4

Matrix: SOIL Lab Sample ID: P4332-16

% Solids: 96.7 Date Received: 10/07/2024

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	44000	D	10/26/2024	0048
7440-36-0	Antimony	4.4	JD [†]	10/26/2024	0048
7440-38-2	Arsenic	110	D	10/26/2024	0048
7440-39-3	Barium	430	D	10/26/2024	0048
7440-41-7	Beryllium	3.6	D	10/26/2024	0048
7440-43-9	Cadmium	9.4	D	10/26/2024	0048
7440-70-2	Calcium	7000	D	10/26/2024	0048
7440-47-3	Chromium	110	D*	10/26/2024	0048
7440-48-4	Cobalt	24	D	10/26/2024	0048
7440-50-8	Copper	1700	D	10/26/2024	0048
7439-89-6	Iron	50000	D	10/26/2024	0048
7439-92-1	Lead	350	D	10/26/2024	0048
7439-95-4	Magnesium	8600	D	10/26/2024	0048
7439-96-5	Manganese	890	D	10/26/2024	0048
7440-02-0	Nickel	100	D	10/26/2024	0048
7440-09-7	Potassium	2800	D	10/26/2024	0048
7782-49-2	Selenium	2.4	JD [†]	10/26/2024	0048
7440-22-4	Silver	1.7	UD	10/26/2024	0048
7440-23-5	Sodium	340	JD	10/26/2024	0048
7440-28-0	Thallium	4.4	UD	10/26/2024	0048
7440-62-2	Vanadium	61	D	10/26/2024	0048
7440-66-6	Zinc	1100	D	10/26/2024	0048

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYDBE8

Lab Name: Alliance Technical Group, LLC

Contract: 68HERH20D0011

Lab Code: ACE Case No.: 51772

MA No. : 3226.1 SDG No.: MYDBD4

Matrix: SOIL

Lab Sample ID: P4332-17

% Solids: 95.7

Date Received: 10/07/2024

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	10/26/2024	0053
7440-36-0	Antimony	2.5	JD [†]	10/26/2024	0053
7440-38-2	Arsenic	170	D	10/26/2024	0053
7440-39-3	Barium	390	D	10/26/2024	0053
7440-41-7	Beryllium	1.7	D	10/26/2024	0053
7440-43-9	Cadmium	7.6	D	10/26/2024	0053
7440-70-2	Calcium	6700	D	10/26/2024	0053
7440-47-3	Chromium	83	D*	10/26/2024	0053
7440-48-4	Cobalt	35	D	10/26/2024	0053
7440-50-8	Copper	1500	D	10/26/2024	0053
7439-89-6	Iron	36000	D	10/26/2024	0053
7439-92-1	Lead	270	D	10/26/2024	0053
7439-95-4	Magnesium	7400	D	10/26/2024	0053
7439-96-5	Manganese	1100	D	10/26/2024	0053
7440-02-0	Nickel	83	D	10/26/2024	0053
7440-09-7	Potassium	2200	D	10/26/2024	0053
7782-49-2	Selenium	1.5	JD [†]	10/26/2024	0053
7440-22-4	Silver	1.7	UD	10/26/2024	0053
7440-23-5	Sodium	280	JD	10/26/2024	0053
7440-28-0	Thallium	4.3	UD	10/26/2024	0053
7440-62-2	Vanadium	68	D	10/26/2024	0053
7440-66-6	Zinc	490	D	10/26/2024	0053

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYDBE9

Lab Name: Alliance Technical Group, LLC

Contract: 68HERH20D0011

Lab Code: ACE Case No.: 51772

MA No. : 3226.1 SDG No.: MYDBD4

Matrix: SOIL

Lab Sample ID: P4332-18

% Solids: 97.1

Date Received: 10/07/2024

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	31000	D	10/26/2024	0057
7440-36-0	Antimony	1.4	JD [†]	10/26/2024	0057
7440-38-2	Arsenic	44	D	10/26/2024	0057
7440-39-3	Barium	180	D	10/26/2024	0057
7440-41-7	Beryllium	1.7	D	10/26/2024	0057
7440-43-9	Cadmium	3.8	D	10/26/2024	0057
7440-70-2	Calcium	6400	D	10/26/2024	0057
7440-47-3	Chromium	99	D*	10/26/2024	0057
7440-48-4	Cobalt	27	D	10/26/2024	0057
7440-50-8	Copper	610	D	10/26/2024	0057
7439-89-6	Iron	45000	D	10/26/2024	0057
7439-92-1	Lead	120	D	10/26/2024	0057
7439-95-4	Magnesium	14000	D	10/26/2024	0057
7439-96-5	Manganese	810	D	10/26/2024	0057
7440-02-0	Nickel	74	D	10/26/2024	0057
7440-09-7	Potassium	2400	D	10/26/2024	0057
7782-49-2	Selenium	5.2	UD [†]	10/26/2024	0057
7440-22-4	Silver	1.5	UD	10/26/2024	0057
7440-23-5	Sodium	270	JD	10/26/2024	0057
7440-28-0	Thallium	3.7	UD	10/26/2024	0057
7440-62-2	Vanadium	94	D	10/26/2024	0057
7440-66-6	Zinc	440	D	10/26/2024	0057

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYDBF0

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDBD4

Matrix: SOIL Lab Sample ID: P4332-19

% Solids: 95.5 Date Received: 10/07/2024

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	39000	D	10/26/2024	0101
7440-36-0	Antimony	5.4	JD [†]	10/26/2024	0101
7440-38-2	Arsenic	180	D	10/26/2024	0101
7440-39-3	Barium	430	D	10/26/2024	0101
7440-41-7	Beryllium	2.5	D	10/26/2024	0101
7440-43-9	Cadmium	8.6	D	10/26/2024	0101
7440-70-2	Calcium	7900	D	10/26/2024	0101
7440-47-3	Chromium	120	D*	10/26/2024	0101
7440-48-4	Cobalt	28	D	10/26/2024	0101
7440-50-8	Copper	1500	D	10/26/2024	0101
7439-89-6	Iron	34000	D	10/26/2024	0101
7439-92-1	Lead	440	D	10/26/2024	0101
7439-95-4	Magnesium	9000	D	10/26/2024	0101
7439-96-5	Manganese	900	D	10/26/2024	0101
7440-02-0	Nickel	120	D	10/26/2024	0101
7440-09-7	Potassium	2200	D	10/26/2024	0101
7782-49-2	Selenium	3.2	JD [†]	10/26/2024	0101
7440-22-4	Silver	1.6	JD	10/26/2024	0101
7440-23-5	Sodium	370	JD	10/26/2024	0101
7440-28-0	Thallium	4.4	UD	10/26/2024	0101
7440-62-2	Vanadium	65	D	10/26/2024	0101
7440-66-6	Zinc	840	D	10/26/2024	0101

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYDBF1

Lab Name: Alliance Technical Group, LLC

Contract: 68HERH20D0011

Lab Code: ACE Case No.: 51772

MA No. : 3226.1 SDG No.: MYDBD4

Matrix: SOIL

Lab Sample ID: P4332-20

% Solids: 91.5

Date Received: 10/07/2024

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	41000	D	10/26/2024	0106
7440-36-0	Antimony	3.9	JD [†]	10/26/2024	0106
7440-38-2	Arsenic	130	D	10/26/2024	0106
7440-39-3	Barium	330	D	10/26/2024	0106
7440-41-7	Beryllium	3.1	D	10/26/2024	0106
7440-43-9	Cadmium	12	D	10/26/2024	0106
7440-70-2	Calcium	6600	D	10/26/2024	0106
7440-47-3	Chromium	100	D*	10/26/2024	0106
7440-48-4	Cobalt	29	D	10/26/2024	0106
7440-50-8	Copper	2300	D	10/26/2024	0106
7439-89-6	Iron	39000	D	10/26/2024	0106
7439-92-1	Lead	470	D	10/26/2024	0106
7439-95-4	Magnesium	8500	D	10/26/2024	0106
7439-96-5	Manganese	800	D	10/26/2024	0106
7440-02-0	Nickel	88	D	10/26/2024	0106
7440-09-7	Potassium	3800	D	10/26/2024	0106
7782-49-2	Selenium	3.4	JD [†]	10/26/2024	0106
7440-22-4	Silver	2.7	D	10/26/2024	0106
7440-23-5	Sodium	360	JD	10/26/2024	0106
7440-28-0	Thallium	4.2	UD	10/26/2024	0106
7440-62-2	Vanadium	66	D	10/26/2024	0106
7440-66-6	Zinc	1200	D	10/26/2024	0106

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYDBF2

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDBD4

Matrix: SOIL Lab Sample ID: P4332-21

% Solids: 94.5 Date Received: 10/07/2024

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	33000	D	10/26/2024	0110
7440-36-0	Antimony	1.6	JD [†]	10/26/2024	0110
7440-38-2	Arsenic	120	D	10/26/2024	0110
7440-39-3	Barium	840	D	10/26/2024	0110
7440-41-7	Beryllium	2.0	D	10/26/2024	0110
7440-43-9	Cadmium	7.1	D	10/26/2024	0110
7440-70-2	Calcium	9500	D	10/26/2024	0110
7440-47-3	Chromium	89	D*	10/26/2024	0110
7440-48-4	Cobalt	27	D	10/26/2024	0110
7440-50-8	Copper	1000	D	10/26/2024	0110
7439-89-6	Iron	35000	D	10/26/2024	0110
7439-92-1	Lead	250	D	10/26/2024	0110
7439-95-4	Magnesium	11000	D	10/26/2024	0110
7439-96-5	Manganese	770	D	10/26/2024	0110
7440-02-0	Nickel	130	D	10/26/2024	0110
7440-09-7	Potassium	2700	D	10/26/2024	0110
7782-49-2	Selenium	5.9	UD [†]	10/26/2024	0110
7440-22-4	Silver	0.42	JD	10/26/2024	0110
7440-23-5	Sodium	570	JD	10/26/2024	0110
7440-28-0	Thallium	4.2	UD	10/26/2024	0110
7440-62-2	Vanadium	74	D	10/26/2024	0110
7440-66-6	Zinc	550	D	10/26/2024	0110

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYDBF3

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYDBD4

Matrix: SOIL Lab Sample ID: P4332-22

% Solids: 96.2 Date Received: 10/07/2024

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	71000	D	10/26/2024	0114
7440-36-0	Antimony	7.9	JD [†]	10/26/2024	0114
7440-38-2	Arsenic	120	D	10/26/2024	0114
7440-39-3	Barium	300	D	10/26/2024	0114
7440-41-7	Beryllium	6.0	D	10/26/2024	0114
7440-43-9	Cadmium	12	D	10/26/2024	0114
7440-70-2	Calcium	6800	D	10/26/2024	0114
7440-47-3	Chromium	200	D*	10/26/2024	0114
7440-48-4	Cobalt	19	D	10/26/2024	0114
7440-50-8	Copper	3300	D	10/26/2024	0114
7439-89-6	Iron	29000	D	10/26/2024	0114
7439-92-1	Lead	570	D	10/26/2024	0114
7439-95-4	Magnesium	10000	D	10/26/2024	0114
7439-96-5	Manganese	680	D	10/26/2024	0114
7440-02-0	Nickel	130	D	10/26/2024	0114
7440-09-7	Potassium	3200	D	10/26/2024	0114
7782-49-2	Selenium	5.0	JD [†]	10/26/2024	0114
7440-22-4	Silver	4.6	D	10/26/2024	0114
7440-23-5	Sodium	370	JD	10/26/2024	0114
7440-28-0	Thallium	4.0	UD	10/26/2024	0114
7440-62-2	Vanadium	54	D	10/26/2024	0114
7440-66-6	Zinc	1900	D	10/26/2024	0114

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

Comments: