

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYD0B5

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYD0B5

Matrix: SOIL Lab Sample ID: P4291-01

% Solids: 92.4 Date Received: 10/04/2024

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	32000	D	10/23/2024	1602
7440-36-0	Antimony	0.92	JD	10/23/2024	1602
7440-38-2	Arsenic	37	D	10/23/2024	1602
7440-39-3	Barium	150	D	10/23/2024	1602
7440-41-7	Beryllium	2.2	D	10/23/2024	1602
7440-43-9	Cadmium	1.4	D	10/23/2024	1602
7440-70-2	Calcium	6700	D	10/23/2024	1602
7440-47-3	Chromium	53	D	10/23/2024	1602
7440-48-4	Cobalt	21	D	10/23/2024	1602
7440-50-8	Copper	90	D	10/23/2024	1602
7439-89-6	Iron	48000	D	10/23/2024	1602
7439-92-1	Lead	46	D	10/23/2024	1602
7439-95-4	Magnesium	10000	D	10/23/2024	1602
7439-96-5	Manganese	1500	D	10/23/2024	1602
7440-02-0	Nickel	41	D	10/23/2024	1602
7440-09-7	Potassium	2700	D	10/23/2024	1602
7782-49-2	Selenium	6.5	UD	10/23/2024	1602
7440-22-4	Silver	1.9	UD	10/23/2024	1602
7440-23-5	Sodium	190	JD	10/23/2024	1602
7440-28-0	Thallium	4.6	UD	10/23/2024	1602
7440-62-2	Vanadium	84	D	10/23/2024	1602
7440-66-6	Zinc	90	D	10/23/2024	1602

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

Comments:

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MYD0B6

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYD0B5

Matrix: SOIL Lab Sample ID: P4291-02

% Solids: 87.8 Date Received: 10/04/2024

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	29000	D	10/18/2024	1650
7440-36-0	Antimony	1.5	JD	10/18/2024	1650
7440-38-2	Arsenic	34	D	10/18/2024	1650
7440-39-3	Barium	210	D	10/18/2024	1650
7440-41-7	Beryllium	1.9	D	10/18/2024	1650
7440-43-9	Cadmium	0.13	JD	10/18/2024	1650
7440-70-2	Calcium	6600	D	10/18/2024	1650
7440-47-3	Chromium	48	D	10/18/2024	1650
7440-48-4	Cobalt	19	D	10/18/2024	1650
7440-50-8	Copper	62	D	10/18/2024	1650
7439-89-6	Iron	43000	D	10/18/2024	1650
7439-92-1	Lead	34	D	10/18/2024	1650
7439-95-4	Magnesium	9400	D	10/18/2024	1650
7439-96-5	Manganese	1800	D	10/18/2024	1650
7440-02-0	Nickel	36	D	10/18/2024	1650
7440-09-7	Potassium	1800	D	10/18/2024	1650
7782-49-2	Selenium	6.6	UD	10/18/2024	1650
7440-22-4	Silver	1.9	UD	10/18/2024	1650
7440-23-5	Sodium	210	JD	10/18/2024	1650
7440-28-0	Thallium	4.8	UD	10/18/2024	1650
7440-62-2	Vanadium	80	D	10/18/2024	1650
7440-66-6	Zinc	69	D	10/18/2024	1650

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

Comments:

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MYD0B7

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYD0B5

Matrix: SOIL Lab Sample ID: P4291-03

% Solids: 85.5 Date Received: 10/04/2024

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	10/18/2024	1655
7440-36-0	Antimony	1.0	JD	10/18/2024	1655
7440-38-2	Arsenic	35	D	10/18/2024	1655
7440-39-3	Barium	160	D	10/18/2024	1655
7440-41-7	Beryllium	2.1	D	10/18/2024	1655
7440-43-9	Cadmium	0.99	UD	10/18/2024	1655
7440-70-2	Calcium	7400	D	10/18/2024	1655
7440-47-3	Chromium	64	D	10/18/2024	1655
7440-48-4	Cobalt	22	D	10/18/2024	1655
7440-50-8	Copper	64	D	10/18/2024	1655
7439-89-6	Iron	47000	D	10/18/2024	1655
7439-92-1	Lead	38	D	10/18/2024	1655
7439-95-4	Magnesium	11000	D	10/18/2024	1655
7439-96-5	Manganese	1600	D	10/18/2024	1655
7440-02-0	Nickel	43	D	10/18/2024	1655
7440-09-7	Potassium	1900	D	10/18/2024	1655
7782-49-2	Selenium	6.9	UD	10/18/2024	1655
7440-22-4	Silver	2.0	UD	10/18/2024	1655
7440-23-5	Sodium	310	JD	10/18/2024	1655
7440-28-0	Thallium	5.0	UD	10/18/2024	1655
7440-62-2	Vanadium	86	D	10/18/2024	1655
7440-66-6	Zinc	72	D	10/18/2024	1655

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

Comments:

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MYD0B8

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYD0B5

Matrix: SOIL Lab Sample ID: P4291-04

% Solids: 86.8 Date Received: 10/04/2024

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	27000	D	10/18/2024	1659
7440-36-0	Antimony	1.0	JD	10/18/2024	1659
7440-38-2	Arsenic	31	D	10/18/2024	1659
7440-39-3	Barium	220	D	10/18/2024	1659
7440-41-7	Beryllium	1.7	D	10/18/2024	1659
7440-43-9	Cadmium	1.1	UD	10/18/2024	1659
7440-70-2	Calcium	6100	D	10/18/2024	1659
7440-47-3	Chromium	51	D	10/18/2024	1659
7440-48-4	Cobalt	18	D	10/18/2024	1659
7440-50-8	Copper	47	D	10/18/2024	1659
7439-89-6	Iron	42000	D	10/18/2024	1659
7439-92-1	Lead	33	D	10/18/2024	1659
7439-95-4	Magnesium	8700	D	10/18/2024	1659
7439-96-5	Manganese	2100	D	10/18/2024	1659
7440-02-0	Nickel	36	D	10/18/2024	1659
7440-09-7	Potassium	1500	D	10/18/2024	1659
7782-49-2	Selenium	7.4	UD	10/18/2024	1659
7440-22-4	Silver	2.1	UD	10/18/2024	1659
7440-23-5	Sodium	300	JD	10/18/2024	1659
7440-28-0	Thallium	5.3	UD	10/18/2024	1659
7440-62-2	Vanadium	83	D	10/18/2024	1659
7440-66-6	Zinc	66	D	10/18/2024	1659

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

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MYD0B9

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYD0B5

Matrix: SOIL Lab Sample ID: P4291-07

% Solids: 96.8 Date Received: 10/04/2024

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	10/18/2024	1717
7440-36-0	Antimony	1.5	JD	10/18/2024	1717
7440-38-2	Arsenic	64	D	10/18/2024	1717
7440-39-3	Barium	210	D	10/18/2024	1717
7440-41-7	Beryllium	0.97	D	10/18/2024	1717
7440-43-9	Cadmium	0.59	JD	10/18/2024	1717
7440-70-2	Calcium	3700	D	10/18/2024	1717
7440-47-3	Chromium	52	D	10/18/2024	1717
7440-48-4	Cobalt	30	D	10/18/2024	1717
7440-50-8	Copper	110	D	10/18/2024	1717
7439-89-6	Iron	55000	D	10/18/2024	1717
7439-92-1	Lead	37	D	10/18/2024	1717
7439-95-4	Magnesium	12000	D	10/18/2024	1717
7439-96-5	Manganese	1300	D	10/18/2024	1717
7440-02-0	Nickel	51	D	10/18/2024	1717
7440-09-7	Potassium	3500	D	10/18/2024	1717
7782-49-2	Selenium	6.1	UD	10/18/2024	1717
7440-22-4	Silver	1.8	UD	10/18/2024	1717
7440-23-5	Sodium	270	JD	10/18/2024	1717
7440-28-0	Thallium	4.4	UD	10/18/2024	1717
7440-62-2	Vanadium	130	D	10/18/2024	1717
7440-66-6	Zinc	100	D	10/18/2024	1717

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

Comments:

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MYD0C0

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYD0B5

Matrix: SOIL Lab Sample ID: P4291-08

% Solids: 91.2 Date Received: 10/04/2024

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	10/18/2024	1721
7440-36-0	Antimony	1.7	JD	10/18/2024	1721
7440-38-2	Arsenic	63	D	10/18/2024	1721
7440-39-3	Barium	270	D	10/18/2024	1721
7440-41-7	Beryllium	1.2	D	10/18/2024	1721
7440-43-9	Cadmium	0.14	JD	10/18/2024	1721
7440-70-2	Calcium	5700	D	10/18/2024	1721
7440-47-3	Chromium	71	D	10/18/2024	1721
7440-48-4	Cobalt	34	D	10/18/2024	1721
7440-50-8	Copper	80	D	10/18/2024	1721
7439-89-6	Iron	63000	D	10/18/2024	1721
7439-92-1	Lead	19	D	10/18/2024	1721
7439-95-4	Magnesium	14000	D	10/18/2024	1721
7439-96-5	Manganese	1300	D	10/18/2024	1721
7440-02-0	Nickel	64	D	10/18/2024	1721
7440-09-7	Potassium	1800	D	10/18/2024	1721
7782-49-2	Selenium	5.9	UD	10/18/2024	1721
7440-22-4	Silver	1.7	UD	10/18/2024	1721
7440-23-5	Sodium	270	JD	10/18/2024	1721
7440-28-0	Thallium	4.2	UD	10/18/2024	1721
7440-62-2	Vanadium	150	D	10/18/2024	1721
7440-66-6	Zinc	78	D	10/18/2024	1721

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

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MYD0C1

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYD0B5

Matrix: SOIL Lab Sample ID: P4291-09

% Solids: 91.9 Date Received: 10/04/2024

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	29000	D	10/18/2024	1726
7440-36-0	Antimony	1.4	JD	10/18/2024	1726
7440-38-2	Arsenic	66	D	10/18/2024	1726
7440-39-3	Barium	220	D	10/18/2024	1726
7440-41-7	Beryllium	1.0	D	10/18/2024	1726
7440-43-9	Cadmium	1.0	UD	10/18/2024	1726
7440-70-2	Calcium	5500	D	10/18/2024	1726
7440-47-3	Chromium	59	D	10/18/2024	1726
7440-48-4	Cobalt	32	D	10/18/2024	1726
7440-50-8	Copper	72	D	10/18/2024	1726
7439-89-6	Iron	57000	D	10/18/2024	1726
7439-92-1	Lead	15	D	10/18/2024	1726
7439-95-4	Magnesium	13000	D	10/18/2024	1726
7439-96-5	Manganese	1200	D	10/18/2024	1726
7440-02-0	Nickel	55	D	10/18/2024	1726
7440-09-7	Potassium	1300	D	10/18/2024	1726
7782-49-2	Selenium	7.2	UD	10/18/2024	1726
7440-22-4	Silver	2.1	UD	10/18/2024	1726
7440-23-5	Sodium	240	JD	10/18/2024	1726
7440-28-0	Thallium	5.1	UD	10/18/2024	1726
7440-62-2	Vanadium	130	D	10/18/2024	1726
7440-66-6	Zinc	72	D	10/18/2024	1726

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

Comments:

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MYD0C2

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYD0B5

Matrix: SOIL Lab Sample ID: P4291-10

% Solids: 92.4 Date Received: 10/04/2024

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	25000	D	10/18/2024	1730
7440-36-0	Antimony	1.2	JD	10/18/2024	1730
7440-38-2	Arsenic	99	D	10/18/2024	1730
7440-39-3	Barium	210	D	10/18/2024	1730
7440-41-7	Beryllium	0.94	D	10/18/2024	1730
7440-43-9	Cadmium	0.90	UD	10/18/2024	1730
7440-70-2	Calcium	4600	D	10/18/2024	1730
7440-47-3	Chromium	52	D	10/18/2024	1730
7440-48-4	Cobalt	28	D	10/18/2024	1730
7440-50-8	Copper	55	D	10/18/2024	1730
7439-89-6	Iron	55000	D	10/18/2024	1730
7439-92-1	Lead	13	D	10/18/2024	1730
7439-95-4	Magnesium	13000	D	10/18/2024	1730
7439-96-5	Manganese	1200	D	10/18/2024	1730
7440-02-0	Nickel	49	D	10/18/2024	1730
7440-09-7	Potassium	1100	D	10/18/2024	1730
7782-49-2	Selenium	6.3	UD	10/18/2024	1730
7440-22-4	Silver	1.8	UD	10/18/2024	1730
7440-23-5	Sodium	210	JD	10/18/2024	1730
7440-28-0	Thallium	4.5	UD	10/18/2024	1730
7440-62-2	Vanadium	120	D	10/18/2024	1730
7440-66-6	Zinc	70	D	10/18/2024	1730

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

Comments:

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MYD0C3

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYD0B5

Matrix: SOIL Lab Sample ID: P4291-11

% Solids: 98.4 Date Received: 10/04/2024

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	10/18/2024	1735
7440-36-0	Antimony	2.5	JD	10/18/2024	1735
7440-38-2	Arsenic	86	D	10/18/2024	1735
7440-39-3	Barium	130	D	10/18/2024	1735
7440-41-7	Beryllium	0.77	D	10/18/2024	1735
7440-43-9	Cadmium	1.1	D	10/18/2024	1735
7440-70-2	Calcium	1300	D	10/18/2024	1735
7440-47-3	Chromium	28	D	10/18/2024	1735
7440-48-4	Cobalt	18	D	10/18/2024	1735
7440-50-8	Copper	400	D	10/18/2024	1735
7439-89-6	Iron	38000	D	10/18/2024	1735
7439-92-1	Lead	150	D	10/18/2024	1735
7439-95-4	Magnesium	4500	D	10/18/2024	1735
7439-96-5	Manganese	1100	D	10/18/2024	1735
7440-02-0	Nickel	23	D	10/18/2024	1735
7440-09-7	Potassium	2600	D	10/18/2024	1735
7782-49-2	Selenium	5.0	UD	10/18/2024	1735
7440-22-4	Silver	1.4	UD	10/18/2024	1735
7440-23-5	Sodium	150	JD	10/18/2024	1735
7440-28-0	Thallium	3.6	UD	10/18/2024	1735
7440-62-2	Vanadium	67	D	10/18/2024	1735
7440-66-6	Zinc	110	D	10/18/2024	1735

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

Comments:

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MYD0C4

Lab Name: Alliance Technical Group, LLC

Contract: 68HERH20D0011

Lab Code: ACE Case No.: 51772

MA No. : 3226.1 SDG No.: MYD0B5

Matrix: SOIL

Lab Sample ID: P4291-12

% Solids: 96.1

Date Received: 10/04/2024

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	10/18/2024	1739
7440-36-0	Antimony	1.3	JD	10/18/2024	1739
7440-38-2	Arsenic	37	D	10/18/2024	1739
7440-39-3	Barium	160	D	10/18/2024	1739
7440-41-7	Beryllium	0.82	D	10/18/2024	1739
7440-43-9	Cadmium	2.1	D	10/18/2024	1739
7440-70-2	Calcium	1700	D	10/18/2024	1739
7440-47-3	Chromium	27	D	10/18/2024	1739
7440-48-4	Cobalt	18	D	10/18/2024	1739
7440-50-8	Copper	270	D	10/18/2024	1739
7439-89-6	Iron	34000	D	10/18/2024	1739
7439-92-1	Lead	21	D	10/18/2024	1739
7439-95-4	Magnesium	4300	D	10/18/2024	1739
7439-96-5	Manganese	1200	D	10/18/2024	1739
7440-02-0	Nickel	24	D	10/18/2024	1739
7440-09-7	Potassium	2500	D	10/18/2024	1739
7782-49-2	Selenium	5.0	UD	10/18/2024	1739
7440-22-4	Silver	1.4	UD	10/18/2024	1739
7440-23-5	Sodium	160	JD	10/18/2024	1739
7440-28-0	Thallium	3.6	UD	10/18/2024	1739
7440-62-2	Vanadium	61	D	10/18/2024	1739
7440-66-6	Zinc	130	D	10/18/2024	1739

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

Comments:

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MYD0C5

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYD0B5

Matrix: SOIL Lab Sample ID: P4291-13

% Solids: 94.5 Date Received: 10/04/2024

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	21000	D	10/18/2024	1743
7440-36-0	Antimony	1.1	JD	10/18/2024	1743
7440-38-2	Arsenic	22	D	10/18/2024	1743
7440-39-3	Barium	180	D	10/18/2024	1743
7440-41-7	Beryllium	0.98	JD	10/18/2024	1743
7440-43-9	Cadmium	0.80	JD	10/18/2024	1743
7440-70-2	Calcium	2800	D	10/18/2024	1743
7440-47-3	Chromium	74	D	10/18/2024	1743
7440-48-4	Cobalt	21	D	10/18/2024	1743
7440-50-8	Copper	59	D	10/18/2024	1743
7439-89-6	Iron	42000	D	10/18/2024	1743
7439-92-1	Lead	17	D	10/18/2024	1743
7439-95-4	Magnesium	6600	D	10/18/2024	1743
7439-96-5	Manganese	950	D	10/18/2024	1743
7440-02-0	Nickel	33	D	10/18/2024	1743
7440-09-7	Potassium	2500	D	10/18/2024	1743
7782-49-2	Selenium	7.1	UD	10/18/2024	1743
7440-22-4	Silver	2.0	UD	10/18/2024	1743
7440-23-5	Sodium	1000	UD	10/18/2024	1743
7440-28-0	Thallium	5.0	UD	10/18/2024	1743
7440-62-2	Vanadium	77	D	10/18/2024	1743
7440-66-6	Zinc	150	D	10/18/2024	1743

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYD0C6

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYD0B5

Matrix: SOIL Lab Sample ID: P4291-14

% Solids: 92.4 Date Received: 10/04/2024

Analytical Method: ICP_AES

Concentration Units ($\mu\text{g/L}$, mg/L , mg/kg dry weight, μg , or $\mu\text{g/cm}^2$): mg/kg

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	20000	D	10/18/2024	1748
7440-36-0	Antimony	1.7	JD	10/18/2024	1748
7440-38-2	Arsenic	30	D	10/18/2024	1748
7440-39-3	Barium	160	D	10/18/2024	1748
7440-41-7	Beryllium	0.76	JD	10/18/2024	1748
7440-43-9	Cadmium	0.99	UD	10/18/2024	1748
7440-70-2	Calcium	2400	D	10/18/2024	1748
7440-47-3	Chromium	500	D	10/18/2024	1748
7440-48-4	Cobalt	18	D	10/18/2024	1748
7440-50-8	Copper	46	D	10/18/2024	1748
7439-89-6	Iron	44000	D	10/18/2024	1748
7439-92-1	Lead	13	D	10/18/2024	1748
7439-95-4	Magnesium	8900	D	10/18/2024	1748
7439-96-5	Manganese	1400	D	10/18/2024	1748
7440-02-0	Nickel	44	D	10/18/2024	1748
7440-09-7	Potassium	1400	D	10/18/2024	1748
7782-49-2	Selenium	7.0	UD	10/18/2024	1748
7440-22-4	Silver	2.0	UD	10/18/2024	1748
7440-23-5	Sodium	260	JD	10/18/2024	1748
7440-28-0	Thallium	5.0	UD	10/18/2024	1748
7440-62-2	Vanadium	70	D	10/18/2024	1748
7440-66-6	Zinc	110	D	10/18/2024	1748

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYD0C7

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYD0B5

Matrix: SOIL Lab Sample ID: P4291-15

% Solids: 96.3 Date Received: 10/04/2024

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	10/18/2024	1752
7440-36-0	Antimony	1.5	JD	10/18/2024	1752
7440-38-2	Arsenic	51	D	10/18/2024	1752
7440-39-3	Barium	200	D	10/18/2024	1752
7440-41-7	Beryllium	1.0	D	10/18/2024	1752
7440-43-9	Cadmium	0.36	JD	10/18/2024	1752
7440-70-2	Calcium	4800	D	10/18/2024	1752
7440-47-3	Chromium	66	D	10/18/2024	1752
7440-48-4	Cobalt	30	D	10/18/2024	1752
7440-50-8	Copper	85	D	10/18/2024	1752
7439-89-6	Iron	51000	D	10/18/2024	1752
7439-92-1	Lead	25	D	10/18/2024	1752
7439-95-4	Magnesium	11000	D	10/18/2024	1752
7439-96-5	Manganese	1300	D	10/18/2024	1752
7440-02-0	Nickel	65	D	10/18/2024	1752
7440-09-7	Potassium	4300	D	10/18/2024	1752
7782-49-2	Selenium	5.3	UD	10/18/2024	1752
7440-22-4	Silver	1.5	UD	10/18/2024	1752
7440-23-5	Sodium	220	JD	10/18/2024	1752
7440-28-0	Thallium	3.8	UD	10/18/2024	1752
7440-62-2	Vanadium	99	D	10/18/2024	1752
7440-66-6	Zinc	90	D	10/18/2024	1752

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYD0C8

Lab Name: Alliance Technical Group, LLC

Contract: 68HERH20D0011

Lab Code: ACE Case No.: 51772

MA No. : 3226.1 SDG No.: MYD0B5

Matrix: SOIL

Lab Sample ID: P4291-16

% Solids: 91.4

Date Received: 10/04/2024

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	10/18/2024	1757
7440-36-0	Antimony	1.2	JD	10/18/2024	1757
7440-38-2	Arsenic	40	D	10/18/2024	1757
7440-39-3	Barium	170	D	10/18/2024	1757
7440-41-7	Beryllium	1.0	D	10/18/2024	1757
7440-43-9	Cadmium	0.18	JD	10/18/2024	1757
7440-70-2	Calcium	5200	D	10/18/2024	1757
7440-47-3	Chromium	59	D	10/18/2024	1757
7440-48-4	Cobalt	26	D	10/18/2024	1757
7440-50-8	Copper	59	D	10/18/2024	1757
7439-89-6	Iron	45000	D	10/18/2024	1757
7439-92-1	Lead	17	D	10/18/2024	1757
7439-95-4	Magnesium	10000	D	10/18/2024	1757
7439-96-5	Manganese	1100	D	10/18/2024	1757
7440-02-0	Nickel	59	D	10/18/2024	1757
7440-09-7	Potassium	4000	D	10/18/2024	1757
7782-49-2	Selenium	5.1	UD	10/18/2024	1757
7440-22-4	Silver	1.5	UD	10/18/2024	1757
7440-23-5	Sodium	200	JD	10/18/2024	1757
7440-28-0	Thallium	3.7	UD	10/18/2024	1757
7440-62-2	Vanadium	86	D	10/18/2024	1757
7440-66-6	Zinc	73	D	10/18/2024	1757

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYD0C9

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYD0B5

Matrix: SOIL Lab Sample ID: P4291-17

% Solids: 90 Date Received: 10/04/2024

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	29000	D	10/18/2024	1801
7440-36-0	Antimony	1.6	JD	10/18/2024	1801
7440-38-2	Arsenic	44	D	10/18/2024	1801
7440-39-3	Barium	180	D	10/18/2024	1801
7440-41-7	Beryllium	1.2	D	10/18/2024	1801
7440-43-9	Cadmium	0.82	UD	10/18/2024	1801
7440-70-2	Calcium	5800	D	10/18/2024	1801
7440-47-3	Chromium	68	D	10/18/2024	1801
7440-48-4	Cobalt	28	D	10/18/2024	1801
7440-50-8	Copper	53	D	10/18/2024	1801
7439-89-6	Iron	53000	D	10/18/2024	1801
7439-92-1	Lead	16	D	10/18/2024	1801
7439-95-4	Magnesium	12000	D	10/18/2024	1801
7439-96-5	Manganese	1100	D	10/18/2024	1801
7440-02-0	Nickel	65	D	10/18/2024	1801
7440-09-7	Potassium	4200	D	10/18/2024	1801
7782-49-2	Selenium	5.8	UD	10/18/2024	1801
7440-22-4	Silver	1.7	UD	10/18/2024	1801
7440-23-5	Sodium	250	JD	10/18/2024	1801
7440-28-0	Thallium	4.1	UD	10/18/2024	1801
7440-62-2	Vanadium	96	D	10/18/2024	1801
7440-66-6	Zinc	79	D	10/18/2024	1801

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYD0D0

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYD0B5

Matrix: SOIL Lab Sample ID: P4291-18

% Solids: 91.6 Date Received: 10/04/2024

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	27000	D	10/18/2024	1805
7440-36-0	Antimony	1.4	JD	10/18/2024	1805
7440-38-2	Arsenic	52	D	10/18/2024	1805
7440-39-3	Barium	160	D	10/18/2024	1805
7440-41-7	Beryllium	1.1	D	10/18/2024	1805
7440-43-9	Cadmium	0.80	UD	10/18/2024	1805
7440-70-2	Calcium	5500	D	10/18/2024	1805
7440-47-3	Chromium	72	D	10/18/2024	1805
7440-48-4	Cobalt	26	D	10/18/2024	1805
7440-50-8	Copper	51	D	10/18/2024	1805
7439-89-6	Iron	51000	D	10/18/2024	1805
7439-92-1	Lead	14	D	10/18/2024	1805
7439-95-4	Magnesium	11000	D	10/18/2024	1805
7439-96-5	Manganese	980	D	10/18/2024	1805
7440-02-0	Nickel	65	D	10/18/2024	1805
7440-09-7	Potassium	3600	D	10/18/2024	1805
7782-49-2	Selenium	5.6	UD	10/18/2024	1805
7440-22-4	Silver	1.6	UD	10/18/2024	1805
7440-23-5	Sodium	270	JD	10/18/2024	1805
7440-28-0	Thallium	4.0	UD	10/18/2024	1805
7440-62-2	Vanadium	93	D	10/18/2024	1805
7440-66-6	Zinc	71	D	10/18/2024	1805

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

Comments:

FORM 1 - IN
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MYD0D1

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYD0B5

Matrix: SOIL Lab Sample ID: P4291-19

% Solids: 98.1 Date Received: 10/04/2024

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	10/18/2024	1819
7440-36-0	Antimony	2.3	JD	10/18/2024	1819
7440-38-2	Arsenic	59	D	10/18/2024	1819
7440-39-3	Barium	180	D	10/18/2024	1819
7440-41-7	Beryllium	0.99	D	10/18/2024	1819
7440-43-9	Cadmium	0.42	JD	10/18/2024	1819
7440-70-2	Calcium	2900	D	10/18/2024	1819
7440-47-3	Chromium	45	D	10/18/2024	1819
7440-48-4	Cobalt	22	D	10/18/2024	1819
7440-50-8	Copper	92	D	10/18/2024	1819
7439-89-6	Iron	48000	D	10/18/2024	1819
7439-92-1	Lead	32	D	10/18/2024	1819
7439-95-4	Magnesium	6700	D	10/18/2024	1819
7439-96-5	Manganese	1000	D	10/18/2024	1819
7440-02-0	Nickel	48	D	10/18/2024	1819
7440-09-7	Potassium	3000	D	10/18/2024	1819
7782-49-2	Selenium	5.8	UD	10/18/2024	1819
7440-22-4	Silver	1.7	UD	10/18/2024	1819
7440-23-5	Sodium	240	JD	10/18/2024	1819
7440-28-0	Thallium	4.1	UD	10/18/2024	1819
7440-62-2	Vanadium	93	D	10/18/2024	1819
7440-66-6	Zinc	81	D	10/18/2024	1819

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYD0D2

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYD0B5

Matrix: SOIL Lab Sample ID: P4291-20

% Solids: 96.4 Date Received: 10/04/2024

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	10/18/2024	1823
7440-36-0	Antimony	1.6	JD	10/18/2024	1823
7440-38-2	Arsenic	44	D	10/18/2024	1823
7440-39-3	Barium	190	D	10/18/2024	1823
7440-41-7	Beryllium	0.99	D	10/18/2024	1823
7440-43-9	Cadmium	0.13	JD	10/18/2024	1823
7440-70-2	Calcium	3000	D	10/18/2024	1823
7440-47-3	Chromium	47	D	10/18/2024	1823
7440-48-4	Cobalt	24	D	10/18/2024	1823
7440-50-8	Copper	63	D	10/18/2024	1823
7439-89-6	Iron	46000	D	10/18/2024	1823
7439-92-1	Lead	23	D	10/18/2024	1823
7439-95-4	Magnesium	7100	D	10/18/2024	1823
7439-96-5	Manganese	990	D	10/18/2024	1823
7440-02-0	Nickel	49	D	10/18/2024	1823
7440-09-7	Potassium	3000	D	10/18/2024	1823
7782-49-2	Selenium	6.1	UD	10/18/2024	1823
7440-22-4	Silver	1.7	UD	10/18/2024	1823
7440-23-5	Sodium	210	JD	10/18/2024	1823
7440-28-0	Thallium	4.3	UD	10/18/2024	1823
7440-62-2	Vanadium	83	D	10/18/2024	1823
7440-66-6	Zinc	75	D	10/18/2024	1823

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

Comments:

FORM 1 - IN
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MYD0D3

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYD0B5

Matrix: SOIL Lab Sample ID: P4291-21

% Solids: 94 Date Received: 10/04/2024

Analytical Method: ICP_AES

Concentration Units ($\mu\text{g/L}$, mg/L , mg/kg dry weight, μg , or $\mu\text{g/cm}^2$): mg/kg

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	20000	D	10/18/2024	1827
7440-36-0	Antimony	1.2	JD	10/18/2024	1827
7440-38-2	Arsenic	42	D	10/18/2024	1827
7440-39-3	Barium	210	D	10/18/2024	1827
7440-41-7	Beryllium	1.1	D	10/18/2024	1827
7440-43-9	Cadmium	0.78	UD	10/18/2024	1827
7440-70-2	Calcium	3500	D	10/18/2024	1827
7440-47-3	Chromium	64	D	10/18/2024	1827
7440-48-4	Cobalt	26	D	10/18/2024	1827
7440-50-8	Copper	48	D	10/18/2024	1827
7439-89-6	Iron	46000	D	10/18/2024	1827
7439-92-1	Lead	18	D	10/18/2024	1827
7439-95-4	Magnesium	7500	D	10/18/2024	1827
7439-96-5	Manganese	1100	D	10/18/2024	1827
7440-02-0	Nickel	54	D	10/18/2024	1827
7440-09-7	Potassium	3300	D	10/18/2024	1827
7782-49-2	Selenium	5.5	UD	10/18/2024	1827
7440-22-4	Silver	1.6	UD	10/18/2024	1827
7440-23-5	Sodium	210	JD	10/18/2024	1827
7440-28-0	Thallium	3.9	UD	10/18/2024	1827
7440-62-2	Vanadium	87	D	10/18/2024	1827
7440-66-6	Zinc	64	D	10/18/2024	1827

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

Comments:

FORM 1 - IN
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MYD0D4

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

Lab Code: ACE Case No.: 51772 MA No. : 3226.1 SDG No.: MYD0B5

Matrix: SOIL Lab Sample ID: P4291-22

% Solids: 94.2 Date Received: 10/04/2024

Analytical Method: ICP_AES

Concentration Units ($\mu\text{g/L}$, mg/L , mg/kg dry weight, μg , or $\mu\text{g/cm}^2$): mg/kg

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	20000	D	10/18/2024	1832
7440-36-0	Antimony	1.7	JD	10/18/2024	1832
7440-38-2	Arsenic	46	D	10/18/2024	1832
7440-39-3	Barium	170	D	10/18/2024	1832
7440-41-7	Beryllium	1.1	D	10/18/2024	1832
7440-43-9	Cadmium	0.86	UD	10/18/2024	1832
7440-70-2	Calcium	3100	D	10/18/2024	1832
7440-47-3	Chromium	52	D	10/18/2024	1832
7440-48-4	Cobalt	21	D	10/18/2024	1832
7440-50-8	Copper	39	D	10/18/2024	1832
7439-89-6	Iron	45000	D	10/18/2024	1832
7439-92-1	Lead	15	D	10/18/2024	1832
7439-95-4	Magnesium	6800	D	10/18/2024	1832
7439-96-5	Manganese	920	D	10/18/2024	1832
7440-02-0	Nickel	48	D	10/18/2024	1832
7440-09-7	Potassium	3000	D	10/18/2024	1832
7782-49-2	Selenium	6.0	UD	10/18/2024	1832
7440-22-4	Silver	1.7	UD	10/18/2024	1832
7440-23-5	Sodium	200	JD	10/18/2024	1832
7440-28-0	Thallium	4.3	UD	10/18/2024	1832
7440-62-2	Vanadium	85	D	10/18/2024	1832
7440-66-6	Zinc	64	D	10/18/2024	1832

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

Comments: