

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHLG0

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHLG0

Matrix: SOIL Lab Sample ID: P5081-01

% Solids: 79.4 Date Received: 12/04/2024

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	3800	*	12/24/2024	0643
7440-36-0	Antimony	2.7	J*	12/24/2024	0643
7440-38-2	Arsenic	6.3		12/24/2024	0643
7440-39-3	Barium	65	*	12/24/2024	0643
7440-41-7	Beryllium	0.45	J*	12/24/2024	0643
7440-43-9	Cadmium	1.2		12/24/2024	0643
7440-70-2	Calcium	65000	*	12/24/2024	0643
7440-47-3	Chromium	14	*	12/24/2024	0643
7440-48-4	Cobalt	9.0	*	12/24/2024	0643
7440-50-8	Copper	27	*	12/24/2024	0643
7439-89-6	Iron	11000	*	12/24/2024	0643
7439-92-1	Lead	140		12/24/2024	0643
7439-95-4	Magnesium	32000	*	12/24/2024	0643
7439-96-5	Manganese	610	*	12/24/2024	0643
7440-02-0	Nickel	12		12/24/2024	0643
7440-09-7	Potassium	650		12/24/2024	0643
7782-49-2	Selenium	2.8	J*	12/24/2024	0643
7440-22-4	Silver	0.98	U*	12/24/2024	0643
7440-23-5	Sodium	490	U	12/24/2024	0643
7440-28-0	Thallium	2.5	U*	12/24/2024	0643
7440-62-2	Vanadium	10	*	12/24/2024	0643
7440-66-6	Zinc	210	*	12/24/2024	0643

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

Comments:

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MBHLG1

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHLG0
 Matrix: SOIL Lab Sample ID: P5081-02
 % Solids: 87.8 Date Received: 12/04/2024
 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	2700	*	12/24/2024	0647
7440-36-0	Antimony	2.2	J*	12/24/2024	0647
7440-38-2	Arsenic	5.7		12/24/2024	0647
7440-39-3	Barium	58	*	12/24/2024	0647
7440-41-7	Beryllium	0.34	J*	12/24/2024	0647
7440-43-9	Cadmium	0.78		12/24/2024	0647
7440-70-2	Calcium	120000	D*	01/04/2025	0058
7440-47-3	Chromium	12	*	12/24/2024	0647
7440-48-4	Cobalt	8.8	*	12/24/2024	0647
7440-50-8	Copper	22	*	12/24/2024	0647
7439-89-6	Iron	9500	*	12/24/2024	0647
7439-92-1	Lead	84		12/24/2024	0647
7439-95-4	Magnesium	46000	*	12/24/2024	0647
7439-96-5	Manganese	600	*	12/24/2024	0647
7440-02-0	Nickel	11		12/24/2024	0647
7440-09-7	Potassium	430	J	12/24/2024	0647
7782-49-2	Selenium	3.4	U*	12/24/2024	0647
7440-22-4	Silver	0.96	U*	12/24/2024	0647
7440-23-5	Sodium	480	U	12/24/2024	0647
7440-28-0	Thallium	2.4	U*	12/24/2024	0647
7440-62-2	Vanadium	8.0	*	12/24/2024	0647
7440-66-6	Zinc	110	*	12/24/2024	0647

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

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MBHLG2

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHLG0

Matrix: SOIL Lab Sample ID: P5081-03

% Solids: 89.3 Date Received: 12/04/2024

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	4200	*	12/24/2024	0651
7440-36-0	Antimony	3.9	J*	12/24/2024	0651
7440-38-2	Arsenic	11		12/24/2024	0651
7440-39-3	Barium	79	*	12/24/2024	0651
7440-41-7	Beryllium	0.62	*	12/24/2024	0651
7440-43-9	Cadmium	0.94		12/24/2024	0651
7440-70-2	Calcium	95000	D*	01/04/2025	0110
7440-47-3	Chromium	16	*	12/24/2024	0651
7440-48-4	Cobalt	10	*	12/24/2024	0651
7440-50-8	Copper	22	*	12/24/2024	0651
7439-89-6	Iron	17000	*	12/24/2024	0651
7439-92-1	Lead	140		12/24/2024	0651
7439-95-4	Magnesium	29000	*	12/24/2024	0651
7439-96-5	Manganese	610	*	12/24/2024	0651
7440-02-0	Nickel	14		12/24/2024	0651
7440-09-7	Potassium	570		12/24/2024	0651
7782-49-2	Selenium	5.2	*	12/24/2024	0651
7440-22-4	Silver	0.95	U*	12/24/2024	0651
7440-23-5	Sodium	480	U	12/24/2024	0651
7440-28-0	Thallium	2.4	U*	12/24/2024	0651
7440-62-2	Vanadium	12	*	12/24/2024	0651
7440-66-6	Zinc	140	*	12/24/2024	0651

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

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MBHLG3

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHLG0

Matrix: SOIL Lab Sample ID: P5081-04

% Solids: 86 Date Received: 12/04/2024

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	5400	*	12/24/2024	0654
7440-36-0	Antimony	3.2	J*	12/24/2024	0654
7440-38-2	Arsenic	12		12/24/2024	0654
7440-39-3	Barium	130	*	12/24/2024	0654
7440-41-7	Beryllium	0.63	*	12/24/2024	0654
7440-43-9	Cadmium	1.0		12/24/2024	0654
7440-70-2	Calcium	40000	*	12/24/2024	0654
7440-47-3	Chromium	26	*	12/24/2024	0654
7440-48-4	Cobalt	10	*	12/24/2024	0654
7440-50-8	Copper	35	*	12/24/2024	0654
7439-89-6	Iron	13000	*	12/24/2024	0654
7439-92-1	Lead	240		12/24/2024	0654
7439-95-4	Magnesium	15000	*	12/24/2024	0654
7439-96-5	Manganese	650	*	12/24/2024	0654
7440-02-0	Nickel	16		12/24/2024	0654
7440-09-7	Potassium	610		12/24/2024	0654
7782-49-2	Selenium	4.5	*	12/24/2024	0654
7440-22-4	Silver	0.89	U*	12/24/2024	0654
7440-23-5	Sodium	450	U	12/24/2024	0654
7440-28-0	Thallium	2.2	U*	12/24/2024	0654
7440-62-2	Vanadium	15	*	12/24/2024	0654
7440-66-6	Zinc	150	*	12/24/2024	0654

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

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MBHLG4

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHLG0

Matrix: SOIL Lab Sample ID: P5081-05

% Solids: 88.6 Date Received: 12/04/2024

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	5700	*	12/24/2024	0659
7440-36-0	Antimony	3.2	J*	12/24/2024	0659
7440-38-2	Arsenic	11		12/24/2024	0659
7440-39-3	Barium	120	*	12/24/2024	0659
7440-41-7	Beryllium	0.60	*	12/24/2024	0659
7440-43-9	Cadmium	0.77		12/24/2024	0659
7440-70-2	Calcium	25000	*	12/24/2024	0659
7440-47-3	Chromium	27	*	12/24/2024	0659
7440-48-4	Cobalt	11	*	12/24/2024	0659
7440-50-8	Copper	23	*	12/24/2024	0659
7439-89-6	Iron	13000	*	12/24/2024	0659
7439-92-1	Lead	130		12/24/2024	0659
7439-95-4	Magnesium	8700	*	12/24/2024	0659
7439-96-5	Manganese	770	*	12/24/2024	0659
7440-02-0	Nickel	20		12/24/2024	0659
7440-09-7	Potassium	580		12/24/2024	0659
7782-49-2	Selenium	5.0	*	12/24/2024	0659
7440-22-4	Silver	0.84	U*	12/24/2024	0659
7440-23-5	Sodium	420	U	12/24/2024	0659
7440-28-0	Thallium	2.1	U*	12/24/2024	0659
7440-62-2	Vanadium	15	*	12/24/2024	0659
7440-66-6	Zinc	87	*	12/24/2024	0659

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

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MBHLG5

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHLG0

Matrix: SOIL Lab Sample ID: P5081-08

% Solids: 85.8 Date Received: 12/04/2024

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	6800	*	12/24/2024	0714
7440-36-0	Antimony	3.5	J*	12/24/2024	0714
7440-38-2	Arsenic	9.9		12/24/2024	0714
7440-39-3	Barium	110	*	12/24/2024	0714
7440-41-7	Beryllium	0.66	*	12/24/2024	0714
7440-43-9	Cadmium	0.66		12/24/2024	0714
7440-70-2	Calcium	12000	*	12/24/2024	0714
7440-47-3	Chromium	16	*	12/24/2024	0714
7440-48-4	Cobalt	10	*	12/24/2024	0714
7440-50-8	Copper	20	*	12/24/2024	0714
7439-89-6	Iron	15000	*	12/24/2024	0714
7439-92-1	Lead	63		12/24/2024	0714
7439-95-4	Magnesium	4700	*	12/24/2024	0714
7439-96-5	Manganese	930	*	12/24/2024	0714
7440-02-0	Nickel	15		12/24/2024	0714
7440-09-7	Potassium	540		12/24/2024	0714
7782-49-2	Selenium	6.8	*	12/24/2024	0714
7440-22-4	Silver	0.97	U*	12/24/2024	0714
7440-23-5	Sodium	490	U	12/24/2024	0714
7440-28-0	Thallium	2.4	U*	12/24/2024	0714
7440-62-2	Vanadium	16	*	12/24/2024	0714
7440-66-6	Zinc	71	*	12/24/2024	0714

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

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MBHLG6

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHLG0
 Matrix: SOIL Lab Sample ID: P5081-09
 % Solids: 88.7 Date Received: 12/04/2024
 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	6700	*	12/24/2024	0718
7440-36-0	Antimony	3.2	J*	12/24/2024	0718
7440-38-2	Arsenic	8.4		12/24/2024	0718
7440-39-3	Barium	120	*	12/24/2024	0718
7440-41-7	Beryllium	0.65	*	12/24/2024	0718
7440-43-9	Cadmium	0.62		12/24/2024	0718
7440-70-2	Calcium	6100	*	12/24/2024	0718
7440-47-3	Chromium	11	*	12/24/2024	0718
7440-48-4	Cobalt	10	*	12/24/2024	0718
7440-50-8	Copper	14	*	12/24/2024	0718
7439-89-6	Iron	15000	*	12/24/2024	0718
7439-92-1	Lead	31		12/24/2024	0718
7439-95-4	Magnesium	2600	*	12/24/2024	0718
7439-96-5	Manganese	980	*	12/24/2024	0718
7440-02-0	Nickel	15		12/24/2024	0718
7440-09-7	Potassium	470		12/24/2024	0718
7782-49-2	Selenium	7.3	*	12/24/2024	0718
7440-22-4	Silver	0.82	U*	12/24/2024	0718
7440-23-5	Sodium	410	U	12/24/2024	0718
7440-28-0	Thallium	2.0	U*	12/24/2024	0718
7440-62-2	Vanadium	16	*	12/24/2024	0718
7440-66-6	Zinc	56	*	12/24/2024	0718

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

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MBHLJ1

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHLG0

Matrix: SOIL Lab Sample ID: P5081-10

% Solids: 70.6 Date Received: 12/04/2024

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	5600	*	12/24/2024	0722
7440-36-0	Antimony	3.6	J*	12/24/2024	0722
7440-38-2	Arsenic	11		12/24/2024	0722
7440-39-3	Barium	110	*	12/24/2024	0722
7440-41-7	Beryllium	0.65	*	12/24/2024	0722
7440-43-9	Cadmium	0.83		12/24/2024	0722
7440-70-2	Calcium	13000	*	12/24/2024	0722
7440-47-3	Chromium	36	*	12/24/2024	0722
7440-48-4	Cobalt	10	*	12/24/2024	0722
7440-50-8	Copper	35	*	12/24/2024	0722
7439-89-6	Iron	15000	*	12/24/2024	0722
7439-92-1	Lead	210		12/24/2024	0722
7439-95-4	Magnesium	3500	*	12/24/2024	0722
7439-96-5	Manganese	640	*	12/24/2024	0722
7440-02-0	Nickel	19		12/24/2024	0722
7440-09-7	Potassium	860		12/24/2024	0722
7782-49-2	Selenium	6.4	*	12/24/2024	0722
7440-22-4	Silver	1.2	U*	12/24/2024	0722
7440-23-5	Sodium	580	U	12/24/2024	0722
7440-28-0	Thallium	2.9	U*	12/24/2024	0722
7440-62-2	Vanadium	15	*	12/24/2024	0722
7440-66-6	Zinc	160	*	12/24/2024	0722

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

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MBHLJ2

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHLG0

Matrix: SOIL Lab Sample ID: P5081-11

% Solids: 74.8 Date Received: 12/04/2024

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	5700	*	12/24/2024	0725
7440-36-0	Antimony	3.8	J*	12/24/2024	0725
7440-38-2	Arsenic	12		12/24/2024	0725
7440-39-3	Barium	98	*	12/24/2024	0725
7440-41-7	Beryllium	0.67	*	12/24/2024	0725
7440-43-9	Cadmium	0.88		12/24/2024	0725
7440-70-2	Calcium	10000	*	12/24/2024	0725
7440-47-3	Chromium	33	*	12/24/2024	0725
7440-48-4	Cobalt	10	*	12/24/2024	0725
7440-50-8	Copper	30	*	12/24/2024	0725
7439-89-6	Iron	16000	*	12/24/2024	0725
7439-92-1	Lead	210		12/24/2024	0725
7439-95-4	Magnesium	3900	*	12/24/2024	0725
7439-96-5	Manganese	670	*	12/24/2024	0725
7440-02-0	Nickel	19		12/24/2024	0725
7440-09-7	Potassium	710		12/24/2024	0725
7782-49-2	Selenium	7.1	*	12/24/2024	0725
7440-22-4	Silver	0.93	U*	12/24/2024	0725
7440-23-5	Sodium	460	U	12/24/2024	0725
7440-28-0	Thallium	2.3	U*	12/24/2024	0725
7440-62-2	Vanadium	16	*	12/24/2024	0725
7440-66-6	Zinc	110	*	12/24/2024	0725

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

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MBHLJ3

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHLG0

Matrix: SOIL Lab Sample ID: P5081-12

% Solids: 87 Date Received: 12/04/2024

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	5500	*	12/24/2024	0729
7440-36-0	Antimony	3.7	J*	12/24/2024	0729
7440-38-2	Arsenic	12		12/24/2024	0729
7440-39-3	Barium	120	*	12/24/2024	0729
7440-41-7	Beryllium	0.66	*	12/24/2024	0729
7440-43-9	Cadmium	0.68		12/24/2024	0729
7440-70-2	Calcium	18000	*	12/24/2024	0729
7440-47-3	Chromium	18	*	12/24/2024	0729
7440-48-4	Cobalt	10	*	12/24/2024	0729
7440-50-8	Copper	26	*	12/24/2024	0729
7439-89-6	Iron	15000	*	12/24/2024	0729
7439-92-1	Lead	270		12/24/2024	0729
7439-95-4	Magnesium	5300	*	12/24/2024	0729
7439-96-5	Manganese	790	*	12/24/2024	0729
7440-02-0	Nickel	17		12/24/2024	0729
7440-09-7	Potassium	620		12/24/2024	0729
7782-49-2	Selenium	6.4	*	12/24/2024	0729
7440-22-4	Silver	0.85	U*	12/24/2024	0729
7440-23-5	Sodium	420	U	12/24/2024	0729
7440-28-0	Thallium	2.1	U*	12/24/2024	0729
7440-62-2	Vanadium	15	*	12/24/2024	0729
7440-66-6	Zinc	170	*	12/24/2024	0729

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

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MBHLJ4

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHLG0

Matrix: SOIL Lab Sample ID: P5081-13

% Solids: 87.5 Date Received: 12/04/2024

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	6400	*	12/24/2024	0733
7440-36-0	Antimony	3.4	J*	12/24/2024	0733
7440-38-2	Arsenic	12		12/24/2024	0733
7440-39-3	Barium	120	*	12/24/2024	0733
7440-41-7	Beryllium	0.70	*	12/24/2024	0733
7440-43-9	Cadmium	0.55		12/24/2024	0733
7440-70-2	Calcium	7000	*	12/24/2024	0733
7440-47-3	Chromium	12	*	12/24/2024	0733
7440-48-4	Cobalt	9.5	*	12/24/2024	0733
7440-50-8	Copper	22	*	12/24/2024	0733
7439-89-6	Iron	15000	*	12/24/2024	0733
7439-92-1	Lead	270		12/24/2024	0733
7439-95-4	Magnesium	2400	*	12/24/2024	0733
7439-96-5	Manganese	590	*	12/24/2024	0733
7440-02-0	Nickel	15		12/24/2024	0733
7440-09-7	Potassium	540		12/24/2024	0733
7782-49-2	Selenium	6.9	*	12/24/2024	0733
7440-22-4	Silver	0.89	U*	12/24/2024	0733
7440-23-5	Sodium	440	U	12/24/2024	0733
7440-28-0	Thallium	2.2	U*	12/24/2024	0733
7440-62-2	Vanadium	16	*	12/24/2024	0733
7440-66-6	Zinc	140	*	12/24/2024	0733

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHLJ5

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHLG0

Matrix: SOIL Lab Sample ID: P5081-14

% Solids: 89.3 Date Received: 12/04/2024

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	6500	*	12/24/2024	0737
7440-36-0	Antimony	3.1	J*	12/24/2024	0737
7440-38-2	Arsenic	8.8		12/24/2024	0737
7440-39-3	Barium	79	*	12/24/2024	0737
7440-41-7	Beryllium	0.67	*	12/24/2024	0737
7440-43-9	Cadmium	0.46		12/24/2024	0737
7440-70-2	Calcium	3200	*	12/24/2024	0737
7440-47-3	Chromium	9.6	*	12/24/2024	0737
7440-48-4	Cobalt	9.4	*	12/24/2024	0737
7440-50-8	Copper	8.9	*	12/24/2024	0737
7439-89-6	Iron	15000	*	12/24/2024	0737
7439-92-1	Lead	57		12/24/2024	0737
7439-95-4	Magnesium	1900	*	12/24/2024	0737
7439-96-5	Manganese	480	*	12/24/2024	0737
7440-02-0	Nickel	14		12/24/2024	0737
7440-09-7	Potassium	310	J	12/24/2024	0737
7782-49-2	Selenium	7.6	*	12/24/2024	0737
7440-22-4	Silver	0.84	U*	12/24/2024	0737
7440-23-5	Sodium	420	U	12/24/2024	0737
7440-28-0	Thallium	2.1	U*	12/24/2024	0737
7440-62-2	Vanadium	15	*	12/24/2024	0737
7440-66-6	Zinc	53	*	12/24/2024	0737

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHLJ6

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHLG0

Matrix: SOIL Lab Sample ID: P5081-15

% Solids: 85 Date Received: 12/04/2024

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	6300	*	12/24/2024	0741
7440-36-0	Antimony	2.6	J*	12/24/2024	0741
7440-38-2	Arsenic	9.6		12/24/2024	0741
7440-39-3	Barium	82	*	12/24/2024	0741
7440-41-7	Beryllium	0.59	*	12/24/2024	0741
7440-43-9	Cadmium	0.63		12/24/2024	0741
7440-70-2	Calcium	3000	*	12/24/2024	0741
7440-47-3	Chromium	8.8	*	12/24/2024	0741
7440-48-4	Cobalt	11	*	12/24/2024	0741
7440-50-8	Copper	8.2	*	12/24/2024	0741
7439-89-6	Iron	13000	*	12/24/2024	0741
7439-92-1	Lead	23		12/24/2024	0741
7439-95-4	Magnesium	1600	*	12/24/2024	0741
7439-96-5	Manganese	630	*	12/24/2024	0741
7440-02-0	Nickel	17		12/24/2024	0741
7440-09-7	Potassium	280	J	12/24/2024	0741
7782-49-2	Selenium	6.7	*	12/24/2024	0741
7440-22-4	Silver	0.80	U*	12/24/2024	0741
7440-23-5	Sodium	400	U	12/24/2024	0741
7440-28-0	Thallium	2.0	U*	12/24/2024	0741
7440-62-2	Vanadium	13	*	12/24/2024	0741
7440-66-6	Zinc	42	*	12/24/2024	0741

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHLJ7

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHLG0

Matrix: SOIL Lab Sample ID: P5081-16

% Solids: 89.1 Date Received: 12/04/2024

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	4600	*	12/24/2024	0752
7440-36-0	Antimony	2.5	J*	12/24/2024	0752
7440-38-2	Arsenic	6.7		12/24/2024	0752
7440-39-3	Barium	77	*	12/24/2024	0752
7440-41-7	Beryllium	0.47	*	12/24/2024	0752
7440-43-9	Cadmium	0.41	J	12/24/2024	0752
7440-70-2	Calcium	6600	*	12/24/2024	0752
7440-47-3	Chromium	7.7	*	12/24/2024	0752
7440-48-4	Cobalt	9.1	*	12/24/2024	0752
7440-50-8	Copper	9.2	*	12/24/2024	0752
7439-89-6	Iron	12000	*	12/24/2024	0752
7439-92-1	Lead	53		12/24/2024	0752
7439-95-4	Magnesium	1900	*	12/24/2024	0752
7439-96-5	Manganese	720	*	12/24/2024	0752
7440-02-0	Nickel	13		12/24/2024	0752
7440-09-7	Potassium	370	J	12/24/2024	0752
7782-49-2	Selenium	5.5	*	12/24/2024	0752
7440-22-4	Silver	0.88	U*	12/24/2024	0752
7440-23-5	Sodium	440	U	12/24/2024	0752
7440-28-0	Thallium	2.2	U*	12/24/2024	0752
7440-62-2	Vanadium	12	*	12/24/2024	0752
7440-66-6	Zinc	35	*	12/24/2024	0752

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHLK5

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHLG0

Matrix: SOIL Lab Sample ID: P5081-17

% Solids: 73.6 Date Received: 12/04/2024

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	6200	*	12/24/2024	0756
7440-36-0	Antimony	3.5	J*	12/24/2024	0756
7440-38-2	Arsenic	15		12/24/2024	0756
7440-39-3	Barium	160	*	12/24/2024	0756
7440-41-7	Beryllium	0.66	*	12/24/2024	0756
7440-43-9	Cadmium	0.99		12/24/2024	0756
7440-70-2	Calcium	6500	*	12/24/2024	0756
7440-47-3	Chromium	29	*	12/24/2024	0756
7440-48-4	Cobalt	9.9	*	12/24/2024	0756
7440-50-8	Copper	31	*	12/24/2024	0756
7439-89-6	Iron	15000	*	12/24/2024	0756
7439-92-1	Lead	300		12/24/2024	0756
7439-95-4	Magnesium	2800	*	12/24/2024	0756
7439-96-5	Manganese	790	*	12/24/2024	0756
7440-02-0	Nickel	19		12/24/2024	0756
7440-09-7	Potassium	800		12/24/2024	0756
7782-49-2	Selenium	7.4	*	12/24/2024	0756
7440-22-4	Silver	1.0	U*	12/24/2024	0756
7440-23-5	Sodium	520	U	12/24/2024	0756
7440-28-0	Thallium	2.6	U*	12/24/2024	0756
7440-62-2	Vanadium	16	*	12/24/2024	0756
7440-66-6	Zinc	190	*	12/24/2024	0756

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHLK6

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHLG0

Matrix: SOIL Lab Sample ID: P5081-18

% Solids: 76.7 Date Received: 12/04/2024

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	6800	*	12/24/2024	0800
7440-36-0	Antimony	3.8	J*	12/24/2024	0800
7440-38-2	Arsenic	17		12/24/2024	0800
7440-39-3	Barium	180	*	12/24/2024	0800
7440-41-7	Beryllium	0.72	*	12/24/2024	0800
7440-43-9	Cadmium	1.0		12/24/2024	0800
7440-70-2	Calcium	4300	*	12/24/2024	0800
7440-47-3	Chromium	24	*	12/24/2024	0800
7440-48-4	Cobalt	9.6	*	12/24/2024	0800
7440-50-8	Copper	27	*	12/24/2024	0800
7439-89-6	Iron	16000	*	12/24/2024	0800
7439-92-1	Lead	930		12/24/2024	0800
7439-95-4	Magnesium	2100	*	12/24/2024	0800
7439-96-5	Manganese	800	*	12/24/2024	0800
7440-02-0	Nickel	18		12/24/2024	0800
7440-09-7	Potassium	550		12/24/2024	0800
7782-49-2	Selenium	7.6	*	12/24/2024	0800
7440-22-4	Silver	1.1	U*	12/24/2024	0800
7440-23-5	Sodium	540	U	12/24/2024	0800
7440-28-0	Thallium	2.7	U*	12/24/2024	0800
7440-62-2	Vanadium	19	*	12/24/2024	0800
7440-66-6	Zinc	170	*	12/24/2024	0800

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHLK7

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHLG0

Matrix: SOIL Lab Sample ID: P5081-19

% Solids: 80.4 Date Received: 12/04/2024

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	6400	*	12/24/2024	0804
7440-36-0	Antimony	3.9	J*	12/24/2024	0804
7440-38-2	Arsenic	21		12/24/2024	0804
7440-39-3	Barium	170	*	12/24/2024	0804
7440-41-7	Beryllium	0.72	*	12/24/2024	0804
7440-43-9	Cadmium	0.89		12/24/2024	0804
7440-70-2	Calcium	4400	*	12/24/2024	0804
7440-47-3	Chromium	16	*	12/24/2024	0804
7440-48-4	Cobalt	10	*	12/24/2024	0804
7440-50-8	Copper	26	*	12/24/2024	0804
7439-89-6	Iron	17000	*	12/24/2024	0804
7439-92-1	Lead	260		12/24/2024	0804
7439-95-4	Magnesium	2100	*	12/24/2024	0804
7439-96-5	Manganese	840	*	12/24/2024	0804
7440-02-0	Nickel	18		12/24/2024	0804
7440-09-7	Potassium	470		12/24/2024	0804
7782-49-2	Selenium	8.4	*	12/24/2024	0804
7440-22-4	Silver	0.84	U*	12/24/2024	0804
7440-23-5	Sodium	420	U	12/24/2024	0804
7440-28-0	Thallium	2.1	U*	12/24/2024	0804
7440-62-2	Vanadium	18	*	12/24/2024	0804
7440-66-6	Zinc	150	*	12/24/2024	0804

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHLK8

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHLG0
 Matrix: SOIL Lab Sample ID: P5081-20
 % Solids: 82.7 Date Received: 12/04/2024
 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	7100	*	12/24/2024	0808
7440-36-0	Antimony	2.7	J*	12/24/2024	0808
7440-38-2	Arsenic	10		12/24/2024	0808
7440-39-3	Barium	87	*	12/24/2024	0808
7440-41-7	Beryllium	0.71	*	12/24/2024	0808
7440-43-9	Cadmium	0.39	J	12/24/2024	0808
7440-70-2	Calcium	3000	*	12/24/2024	0808
7440-47-3	Chromium	11	*	12/24/2024	0808
7440-48-4	Cobalt	7.0	*	12/24/2024	0808
7440-50-8	Copper	15	*	12/24/2024	0808
7439-89-6	Iron	13000	*	12/24/2024	0808
7439-92-1	Lead	32		12/24/2024	0808
7439-95-4	Magnesium	2000	*	12/24/2024	0808
7439-96-5	Manganese	360	*	12/24/2024	0808
7440-02-0	Nickel	12		12/24/2024	0808
7440-09-7	Potassium	270	J	12/24/2024	0808
7782-49-2	Selenium	6.5	*	12/24/2024	0808
7440-22-4	Silver	0.87	U*	12/24/2024	0808
7440-23-5	Sodium	440	U	12/24/2024	0808
7440-28-0	Thallium	2.2	U*	12/24/2024	0808
7440-62-2	Vanadium	16	*	12/24/2024	0808
7440-66-6	Zinc	44	*	12/24/2024	0808

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHLK9

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHLG0

Matrix: SOIL Lab Sample ID: P5081-21

% Solids: 88.6 Date Received: 12/04/2024

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	5500	*	12/24/2024	0811
7440-36-0	Antimony	2.9	J*	12/24/2024	0811
7440-38-2	Arsenic	6.5		12/24/2024	0811
7440-39-3	Barium	51	*	12/24/2024	0811
7440-41-7	Beryllium	0.60	*	12/24/2024	0811
7440-43-9	Cadmium	0.30	J	12/24/2024	0811
7440-70-2	Calcium	2900	*	12/24/2024	0811
7440-47-3	Chromium	9.2	*	12/24/2024	0811
7440-48-4	Cobalt	7.5	*	12/24/2024	0811
7440-50-8	Copper	15	*	12/24/2024	0811
7439-89-6	Iron	13000	*	12/24/2024	0811
7439-92-1	Lead	18		12/24/2024	0811
7439-95-4	Magnesium	2100	*	12/24/2024	0811
7439-96-5	Manganese	250	*	12/24/2024	0811
7440-02-0	Nickel	14		12/24/2024	0811
7440-09-7	Potassium	280	J	12/24/2024	0811
7782-49-2	Selenium	6.3	*	12/24/2024	0811
7440-22-4	Silver	0.77	U*	12/24/2024	0811
7440-23-5	Sodium	390	U	12/24/2024	0811
7440-28-0	Thallium	1.9	U*	12/24/2024	0811
7440-62-2	Vanadium	14	*	12/24/2024	0811
7440-66-6	Zinc	40	*	12/24/2024	0811

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHLL0

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHLG0

Matrix: SOIL Lab Sample ID: P5081-22

% Solids: 90.4 Date Received: 12/04/2024

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	4600	*	12/24/2024	0815
7440-36-0	Antimony	3.3	J*	12/24/2024	0815
7440-38-2	Arsenic	7.4		12/24/2024	0815
7440-39-3	Barium	46	*	12/24/2024	0815
7440-41-7	Beryllium	0.58	*	12/24/2024	0815
7440-43-9	Cadmium	0.37	J	12/24/2024	0815
7440-70-2	Calcium	10000	*	12/24/2024	0815
7440-47-3	Chromium	8.4	*	12/24/2024	0815
7440-48-4	Cobalt	9.0	*	12/24/2024	0815
7440-50-8	Copper	19	*	12/24/2024	0815
7439-89-6	Iron	14000	*	12/24/2024	0815
7439-92-1	Lead	21		12/24/2024	0815
7439-95-4	Magnesium	3500	*	12/24/2024	0815
7439-96-5	Manganese	360	*	12/24/2024	0815
7440-02-0	Nickel	15		12/24/2024	0815
7440-09-7	Potassium	490		12/24/2024	0815
7782-49-2	Selenium	5.9	*	12/24/2024	0815
7440-22-4	Silver	0.83	U*	12/24/2024	0815
7440-23-5	Sodium	420	U	12/24/2024	0815
7440-28-0	Thallium	2.1	U*	12/24/2024	0815
7440-62-2	Vanadium	14	*	12/24/2024	0815
7440-66-6	Zinc	42	*	12/24/2024	0815

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

Comments: