

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHL03

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHL03

Matrix: SOIL Lab Sample ID: P5057-01

% Solids: 82 Date Received: 12/03/2024

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	6100		12/17/2024	1845
7440-36-0	Antimony	2.7	J*	12/17/2024	1845
7440-38-2	Arsenic	11		12/17/2024	1845
7440-39-3	Barium	73		12/17/2024	1845
7440-41-7	Beryllium	0.83		12/17/2024	1845
7440-43-9	Cadmium	0.48	J	12/17/2024	1845
7440-70-2	Calcium	4700		12/17/2024	1845
7440-47-3	Chromium	9.5		12/17/2024	1845
7440-48-4	Cobalt	11		12/17/2024	1845
7440-50-8	Copper	22		12/17/2024	1845
7439-89-6	Iron	17000		12/17/2024	1845
7439-92-1	Lead	37		12/17/2024	1845
7439-95-4	Magnesium	2400		12/17/2024	1845
7439-96-5	Manganese	880		12/17/2024	1845
7440-02-0	Nickel	15		12/17/2024	1845
7440-09-7	Potassium	190	J	12/17/2024	1845
7782-49-2	Selenium	6.5	*	12/17/2024	1845
7440-22-4	Silver	0.35	J*	12/17/2024	1845
7440-23-5	Sodium	180	J	12/17/2024	1845
7440-28-0	Thallium	2.7	U*	12/17/2024	1845
7440-62-2	Vanadium	17		12/17/2024	1845
7440-66-6	Zinc	70	*	12/17/2024	1845

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

Comments:

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MBHL04

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHL03

Matrix: SOIL Lab Sample ID: P5057-02

% Solids: 82.4 Date Received: 12/03/2024

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		12/17/2024	1849
7440-36-0	Antimony	2.8	J*	12/17/2024	1849
7440-38-2	Arsenic	15		12/17/2024	1849
7440-39-3	Barium	95		12/17/2024	1849
7440-41-7	Beryllium	0.86		12/17/2024	1849
7440-43-9	Cadmium	0.40	J	12/17/2024	1849
7440-70-2	Calcium	14000		12/17/2024	1849
7440-47-3	Chromium	9.2		12/17/2024	1849
7440-48-4	Cobalt	13		12/17/2024	1849
7440-50-8	Copper	26		12/17/2024	1849
7439-89-6	Iron	19000		12/17/2024	1849
7439-92-1	Lead	36		12/17/2024	1849
7439-95-4	Magnesium	4500		12/17/2024	1849
7439-96-5	Manganese	880		12/17/2024	1849
7440-02-0	Nickel	16		12/17/2024	1849
7440-09-7	Potassium	360	J	12/17/2024	1849
7782-49-2	Selenium	6.4	*	12/17/2024	1849
7440-22-4	Silver	0.52	J*	12/17/2024	1849
7440-23-5	Sodium	440	U	12/17/2024	1849
7440-28-0	Thallium	2.2	U*	12/17/2024	1849
7440-62-2	Vanadium	17		12/17/2024	1849
7440-66-6	Zinc	64	*	12/17/2024	1849

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

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MBHL05

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHL03

Matrix: SOIL Lab Sample ID: P5057-03

% Solids: 83.6 Date Received: 12/03/2024

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	5300		12/17/2024	1853
7440-36-0	Antimony	2.3	J*	12/17/2024	1853
7440-38-2	Arsenic	13		12/17/2024	1853
7440-39-3	Barium	68		12/17/2024	1853
7440-41-7	Beryllium	0.75		12/17/2024	1853
7440-43-9	Cadmium	0.38	J	12/17/2024	1853
7440-70-2	Calcium	64000		12/17/2024	1853
7440-47-3	Chromium	9.2		12/17/2024	1853
7440-48-4	Cobalt	13		12/17/2024	1853
7440-50-8	Copper	28		12/17/2024	1853
7439-89-6	Iron	18000		12/17/2024	1853
7439-92-1	Lead	29		12/17/2024	1853
7439-95-4	Magnesium	3600		12/17/2024	1853
7439-96-5	Manganese	950		12/17/2024	1853
7440-02-0	Nickel	16		12/17/2024	1853
7440-09-7	Potassium	430	J	12/17/2024	1853
7782-49-2	Selenium	4.0	*	12/17/2024	1853
7440-22-4	Silver	0.26	J*	12/17/2024	1853
7440-23-5	Sodium	500	U	12/17/2024	1853
7440-28-0	Thallium	2.5	U*	12/17/2024	1853
7440-62-2	Vanadium	17		12/17/2024	1853
7440-66-6	Zinc	74	*	12/17/2024	1853

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

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MBHL06

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHL03

Matrix: SOIL Lab Sample ID: P5057-04

% Solids: 85.7 Date Received: 12/03/2024

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	5200		12/17/2024	1857
7440-36-0	Antimony	1.6	J*	12/17/2024	1857
7440-38-2	Arsenic	7.1		12/17/2024	1857
7440-39-3	Barium	47		12/17/2024	1857
7440-41-7	Beryllium	0.64		12/17/2024	1857
7440-43-9	Cadmium	0.27	J	12/17/2024	1857
7440-70-2	Calcium	79000	D	01/03/2025	2236
7440-47-3	Chromium	8.6		12/17/2024	1857
7440-48-4	Cobalt	11		12/17/2024	1857
7440-50-8	Copper	22		12/17/2024	1857
7439-89-6	Iron	14000		12/17/2024	1857
7439-92-1	Lead	23		12/17/2024	1857
7439-95-4	Magnesium	11000		12/17/2024	1857
7439-96-5	Manganese	480		12/17/2024	1857
7440-02-0	Nickel	14		12/17/2024	1857
7440-09-7	Potassium	360	J	12/17/2024	1857
7782-49-2	Selenium	2.2	J*	12/17/2024	1857
7440-22-4	Silver	0.21	J*	12/17/2024	1857
7440-23-5	Sodium	170	J	12/17/2024	1857
7440-28-0	Thallium	2.1	U*	12/17/2024	1857
7440-62-2	Vanadium	14		12/17/2024	1857
7440-66-6	Zinc	58	*	12/17/2024	1857

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

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MBHL07

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHL03

Matrix: SOIL Lab Sample ID: P5057-05

% Solids: 75.5 Date Received: 12/03/2024

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	8100		12/17/2024	1900
7440-36-0	Antimony	3.4	J*	12/17/2024	1900
7440-38-2	Arsenic	22		12/17/2024	1900
7440-39-3	Barium	170		12/17/2024	1900
7440-41-7	Beryllium	0.93		12/17/2024	1900
7440-43-9	Cadmium	0.95		12/17/2024	1900
7440-70-2	Calcium	5000		12/17/2024	1900
7440-47-3	Chromium	18		12/17/2024	1900
7440-48-4	Cobalt	12		12/17/2024	1900
7440-50-8	Copper	55		12/17/2024	1900
7439-89-6	Iron	18000		12/17/2024	1900
7439-92-1	Lead	260		12/17/2024	1900
7439-95-4	Magnesium	1800		12/17/2024	1900
7439-96-5	Manganese	700		12/17/2024	1900
7440-02-0	Nickel	19		12/17/2024	1900
7440-09-7	Potassium	1200		12/17/2024	1900
7782-49-2	Selenium	7.4	*	12/17/2024	1900
7440-22-4	Silver	0.64	J*	12/17/2024	1900
7440-23-5	Sodium	510	U	12/17/2024	1900
7440-28-0	Thallium	2.6	U*	12/17/2024	1900
7440-62-2	Vanadium	21		12/17/2024	1900
7440-66-6	Zinc	240	*	12/17/2024	1900

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

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MBHL08

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHL03

Matrix: SOIL Lab Sample ID: P5057-06

% Solids: 79.7 Date Received: 12/03/2024

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	7900		12/17/2024	1904
7440-36-0	Antimony	3.5	J*	12/17/2024	1904
7440-38-2	Arsenic	23		12/17/2024	1904
7440-39-3	Barium	160		12/17/2024	1904
7440-41-7	Beryllium	0.91		12/17/2024	1904
7440-43-9	Cadmium	0.93		12/17/2024	1904
7440-70-2	Calcium	3600		12/17/2024	1904
7440-47-3	Chromium	19		12/17/2024	1904
7440-48-4	Cobalt	11		12/17/2024	1904
7440-50-8	Copper	76		12/17/2024	1904
7439-89-6	Iron	18000		12/17/2024	1904
7439-92-1	Lead	270		12/17/2024	1904
7439-95-4	Magnesium	1700		12/17/2024	1904
7439-96-5	Manganese	710		12/17/2024	1904
7440-02-0	Nickel	19		12/17/2024	1904
7440-09-7	Potassium	900		12/17/2024	1904
7782-49-2	Selenium	7.6	*	12/17/2024	1904
7440-22-4	Silver	0.62	J*	12/17/2024	1904
7440-23-5	Sodium	100	J	12/17/2024	1904
7440-28-0	Thallium	2.2	U*	12/17/2024	1904
7440-62-2	Vanadium	22		12/17/2024	1904
7440-66-6	Zinc	210	*	12/17/2024	1904

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

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MBHL09

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHL03

Matrix: SOIL Lab Sample ID: P5057-07

% Solids: 86.5 Date Received: 12/03/2024

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	8500		12/17/2024	1908
7440-36-0	Antimony	3.5	J*	12/17/2024	1908
7440-38-2	Arsenic	25		12/17/2024	1908
7440-39-3	Barium	150		12/17/2024	1908
7440-41-7	Beryllium	0.96		12/17/2024	1908
7440-43-9	Cadmium	0.81		12/17/2024	1908
7440-70-2	Calcium	2600		12/17/2024	1908
7440-47-3	Chromium	17		12/17/2024	1908
7440-48-4	Cobalt	11		12/17/2024	1908
7440-50-8	Copper	47		12/17/2024	1908
7439-89-6	Iron	19000		12/17/2024	1908
7439-92-1	Lead	230		12/17/2024	1908
7439-95-4	Magnesium	1700		12/17/2024	1908
7439-96-5	Manganese	760		12/17/2024	1908
7440-02-0	Nickel	17		12/17/2024	1908
7440-09-7	Potassium	580		12/17/2024	1908
7782-49-2	Selenium	8.5	*	12/17/2024	1908
7440-22-4	Silver	0.56	J*	12/17/2024	1908
7440-23-5	Sodium	500	U	12/17/2024	1908
7440-28-0	Thallium	2.5	U*	12/17/2024	1908
7440-62-2	Vanadium	22		12/17/2024	1908
7440-66-6	Zinc	170	*	12/17/2024	1908

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

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MBHL10

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHL03

Matrix: SOIL Lab Sample ID: P5057-10

% Solids: 88.2 Date Received: 12/03/2024

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	8700		12/17/2024	1931
7440-36-0	Antimony	3.7	J*	12/17/2024	1931
7440-38-2	Arsenic	18		12/17/2024	1931
7440-39-3	Barium	110		12/17/2024	1931
7440-41-7	Beryllium	1.1		12/17/2024	1931
7440-43-9	Cadmium	0.62		12/17/2024	1931
7440-70-2	Calcium	2300		12/17/2024	1931
7440-47-3	Chromium	12		12/17/2024	1931
7440-48-4	Cobalt	13		12/17/2024	1931
7440-50-8	Copper	28		12/17/2024	1931
7439-89-6	Iron	21000		12/17/2024	1931
7439-92-1	Lead	120		12/17/2024	1931
7439-95-4	Magnesium	2300		12/17/2024	1931
7439-96-5	Manganese	920		12/17/2024	1931
7440-02-0	Nickel	16		12/17/2024	1931
7440-09-7	Potassium	490	J	12/17/2024	1931
7782-49-2	Selenium	8.5	*	12/17/2024	1931
7440-22-4	Silver	0.32	J*	12/17/2024	1931
7440-23-5	Sodium	110	J	12/17/2024	1931
7440-28-0	Thallium	2.5	U*	12/17/2024	1931
7440-62-2	Vanadium	21		12/17/2024	1931
7440-66-6	Zinc	85	*	12/17/2024	1931

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

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MBHL11

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHL03

Matrix: SOIL Lab Sample ID: P5057-11

% Solids: 85.6 Date Received: 12/03/2024

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	7600		12/17/2024	1935
7440-36-0	Antimony	3.4	J*	12/17/2024	1935
7440-38-2	Arsenic	19		12/17/2024	1935
7440-39-3	Barium	110		12/17/2024	1935
7440-41-7	Beryllium	0.94		12/17/2024	1935
7440-43-9	Cadmium	0.88		12/17/2024	1935
7440-70-2	Calcium	2200		12/17/2024	1935
7440-47-3	Chromium	11		12/17/2024	1935
7440-48-4	Cobalt	14		12/17/2024	1935
7440-50-8	Copper	27		12/17/2024	1935
7439-89-6	Iron	19000		12/17/2024	1935
7439-92-1	Lead	80		12/17/2024	1935
7439-95-4	Magnesium	1900		12/17/2024	1935
7439-96-5	Manganese	1100		12/17/2024	1935
7440-02-0	Nickel	21		12/17/2024	1935
7440-09-7	Potassium	430	J	12/17/2024	1935
7782-49-2	Selenium	8.3	*	12/17/2024	1935
7440-22-4	Silver	0.39	J*	12/17/2024	1935
7440-23-5	Sodium	110	J	12/17/2024	1935
7440-28-0	Thallium	2.5	U*	12/17/2024	1935
7440-62-2	Vanadium	17		12/17/2024	1935
7440-66-6	Zinc	65	*	12/17/2024	1935

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

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MBHL12

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHL03
 Matrix: SOIL Lab Sample ID: P5057-12
 % Solids: 89.9 Date Received: 12/03/2024
 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	8000		12/17/2024	1939
7440-36-0	Antimony	3.2	J*	12/17/2024	1939
7440-38-2	Arsenic	11		12/17/2024	1939
7440-39-3	Barium	86		12/17/2024	1939
7440-41-7	Beryllium	0.87		12/17/2024	1939
7440-43-9	Cadmium	0.46	J	12/17/2024	1939
7440-70-2	Calcium	2400		12/17/2024	1939
7440-47-3	Chromium	12		12/17/2024	1939
7440-48-4	Cobalt	12		12/17/2024	1939
7440-50-8	Copper	29		12/17/2024	1939
7439-89-6	Iron	18000		12/17/2024	1939
7439-92-1	Lead	38		12/17/2024	1939
7439-95-4	Magnesium	2800		12/17/2024	1939
7439-96-5	Manganese	650		12/17/2024	1939
7440-02-0	Nickel	21		12/17/2024	1939
7440-09-7	Potassium	430	J	12/17/2024	1939
7782-49-2	Selenium	7.7	*	12/17/2024	1939
7440-22-4	Silver	0.31	J*	12/17/2024	1939
7440-23-5	Sodium	100	J	12/17/2024	1939
7440-28-0	Thallium	2.4	U*	12/17/2024	1939
7440-62-2	Vanadium	17		12/17/2024	1939
7440-66-6	Zinc	54	*	12/17/2024	1939

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

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MBHL13

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHL03
 Matrix: SOIL Lab Sample ID: P5057-13
 % Solids: 90.4 Date Received: 12/03/2024
 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		12/17/2024	1943
7440-36-0	Antimony	3.6	J*	12/17/2024	1943
7440-38-2	Arsenic	12		12/17/2024	1943
7440-39-3	Barium	82		12/17/2024	1943
7440-41-7	Beryllium	0.85		12/17/2024	1943
7440-43-9	Cadmium	0.44	J	12/17/2024	1943
7440-70-2	Calcium	2500		12/17/2024	1943
7440-47-3	Chromium	13		12/17/2024	1943
7440-48-4	Cobalt	14		12/17/2024	1943
7440-50-8	Copper	39		12/17/2024	1943
7439-89-6	Iron	20000		12/17/2024	1943
7439-92-1	Lead	38		12/17/2024	1943
7439-95-4	Magnesium	3400		12/17/2024	1943
7439-96-5	Manganese	1100		12/17/2024	1943
7440-02-0	Nickel	23		12/17/2024	1943
7440-09-7	Potassium	500		12/17/2024	1943
7782-49-2	Selenium	8.7	*	12/17/2024	1943
7440-22-4	Silver	0.40	J*	12/17/2024	1943
7440-23-5	Sodium	140	J	12/17/2024	1943
7440-28-0	Thallium	2.5	U*	12/17/2024	1943
7440-62-2	Vanadium	18		12/17/2024	1943
7440-66-6	Zinc	61	*	12/17/2024	1943

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

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MBHL14

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHL03

Matrix: SOIL Lab Sample ID: P5057-14

% Solids: 70.7 Date Received: 12/03/2024

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	7800		12/17/2024	1947
7440-36-0	Antimony	5.5	J*	12/17/2024	1947
7440-38-2	Arsenic	16		12/17/2024	1947
7440-39-3	Barium	570		12/17/2024	1947
7440-41-7	Beryllium	0.97		12/17/2024	1947
7440-43-9	Cadmium	3.0		12/17/2024	1947
7440-70-2	Calcium	5400		12/17/2024	1947
7440-47-3	Chromium	25		12/17/2024	1947
7440-48-4	Cobalt	12		12/17/2024	1947
7440-50-8	Copper	99		12/17/2024	1947
7439-89-6	Iron	20000		12/17/2024	1947
7439-92-1	Lead	800		12/17/2024	1947
7439-95-4	Magnesium	1700		12/17/2024	1947
7439-96-5	Manganese	590		12/17/2024	1947
7440-02-0	Nickel	22		12/17/2024	1947
7440-09-7	Potassium	580	J	12/17/2024	1947
7782-49-2	Selenium	8.1	*	12/17/2024	1947
7440-22-4	Silver	1.1	J*	12/17/2024	1947
7440-23-5	Sodium	130	J	12/17/2024	1947
7440-28-0	Thallium	3.1	U*	12/17/2024	1947
7440-62-2	Vanadium	29		12/17/2024	1947
7440-66-6	Zinc	640	*	12/17/2024	1947

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHL15

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHL03
 Matrix: SOIL Lab Sample ID: P5057-15
 % Solids: 74.1 Date Received: 12/03/2024
 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	7900		12/17/2024	1951
7440-36-0	Antimony	4.2	J*	12/17/2024	1951
7440-38-2	Arsenic	17		12/17/2024	1951
7440-39-3	Barium	450		12/17/2024	1951
7440-41-7	Beryllium	0.87		12/17/2024	1951
7440-43-9	Cadmium	2.6		12/17/2024	1951
7440-70-2	Calcium	3700		12/17/2024	1951
7440-47-3	Chromium	27		12/17/2024	1951
7440-48-4	Cobalt	12		12/17/2024	1951
7440-50-8	Copper	94		12/17/2024	1951
7439-89-6	Iron	17000		12/17/2024	1951
7439-92-1	Lead	880		12/17/2024	1951
7439-95-4	Magnesium	1600		12/17/2024	1951
7439-96-5	Manganese	740		12/17/2024	1951
7440-02-0	Nickel	23		12/17/2024	1951
7440-09-7	Potassium	540		12/17/2024	1951
7782-49-2	Selenium	6.9	*	12/17/2024	1951
7440-22-4	Silver	1.1	*	12/17/2024	1951
7440-23-5	Sodium	140	J	12/17/2024	1951
7440-28-0	Thallium	2.5	U*	12/17/2024	1951
7440-62-2	Vanadium	31		12/17/2024	1951
7440-66-6	Zinc	500	*	12/17/2024	1951

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

Comments:

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MBHL16

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHL03

Matrix: SOIL Lab Sample ID: P5057-16

% Solids: 73.6 Date Received: 12/03/2024

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		12/17/2024	1955
7440-36-0	Antimony	13	*	12/17/2024	1955
7440-38-2	Arsenic	70		12/17/2024	1955
7440-39-3	Barium	1400		12/17/2024	1955
7440-41-7	Beryllium	1.8		12/17/2024	1955
7440-43-9	Cadmium	6.3		12/17/2024	1955
7440-70-2	Calcium	3900		12/17/2024	1955
7440-47-3	Chromium	39		12/17/2024	1955
7440-48-4	Cobalt	17		12/17/2024	1955
7440-50-8	Copper	200		12/17/2024	1955
7439-89-6	Iron	57000		12/17/2024	1955
7439-92-1	Lead	1700		12/17/2024	1955
7439-95-4	Magnesium	1700		12/17/2024	1955
7439-96-5	Manganese	840		12/17/2024	1955
7440-02-0	Nickel	35		12/17/2024	1955
7440-09-7	Potassium	640		12/17/2024	1955
7782-49-2	Selenium	25	*	12/17/2024	1955
7440-22-4	Silver	2.1	*	12/17/2024	1955
7440-23-5	Sodium	310	J	12/17/2024	1955
7440-28-0	Thallium	2.8	U*	12/17/2024	1955
7440-62-2	Vanadium	48		12/17/2024	1955
7440-66-6	Zinc	1700	*	12/17/2024	1955

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

Comments:

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MBHL17

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHL03

Matrix: SOIL Lab Sample ID: P5057-17

% Solids: 74.1 Date Received: 12/03/2024

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		12/17/2024	1958
7440-36-0	Antimony	3.4	J*	12/17/2024	1958
7440-38-2	Arsenic	15		12/17/2024	1958
7440-39-3	Barium	400		12/17/2024	1958
7440-41-7	Beryllium	0.87		12/17/2024	1958
7440-43-9	Cadmium	2.5		12/17/2024	1958
7440-70-2	Calcium	3000		12/17/2024	1958
7440-47-3	Chromium	21		12/17/2024	1958
7440-48-4	Cobalt	11		12/17/2024	1958
7440-50-8	Copper	66		12/17/2024	1958
7439-89-6	Iron	18000		12/17/2024	1958
7439-92-1	Lead	440		12/17/2024	1958
7439-95-4	Magnesium	1800		12/17/2024	1958
7439-96-5	Manganese	640		12/17/2024	1958
7440-02-0	Nickel	20		12/17/2024	1958
7440-09-7	Potassium	430	J	12/17/2024	1958
7782-49-2	Selenium	7.4	*	12/17/2024	1958
7440-22-4	Silver	1.9	*	12/17/2024	1958
7440-23-5	Sodium	120	J	12/17/2024	1958
7440-28-0	Thallium	2.7	U*	12/17/2024	1958
7440-62-2	Vanadium	26		12/17/2024	1958
7440-66-6	Zinc	680	*	12/17/2024	1958

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

Comments:

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MBHL18

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHL03

Matrix: SOIL Lab Sample ID: P5057-18

% Solids: 80 Date Received: 12/03/2024

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		12/17/2024	2002
7440-36-0	Antimony	4.5	J*	12/17/2024	2002
7440-38-2	Arsenic	17		12/17/2024	2002
7440-39-3	Barium	140		12/17/2024	2002
7440-41-7	Beryllium	1.2		12/17/2024	2002
7440-43-9	Cadmium	0.67		12/17/2024	2002
7440-70-2	Calcium	1800		12/17/2024	2002
7440-47-3	Chromium	14		12/17/2024	2002
7440-48-4	Cobalt	14		12/17/2024	2002
7440-50-8	Copper	36		12/17/2024	2002
7439-89-6	Iron	23000		12/17/2024	2002
7439-92-1	Lead	120		12/17/2024	2002
7439-95-4	Magnesium	2100		12/17/2024	2002
7439-96-5	Manganese	2000		12/17/2024	2002
7440-02-0	Nickel	17		12/17/2024	2002
7440-09-7	Potassium	510		12/17/2024	2002
7782-49-2	Selenium	11	*	12/17/2024	2002
7440-22-4	Silver	0.58	J*	12/17/2024	2002
7440-23-5	Sodium	100	J	12/17/2024	2002
7440-28-0	Thallium	2.2	U*	12/17/2024	2002
7440-62-2	Vanadium	23		12/17/2024	2002
7440-66-6	Zinc	140	*	12/17/2024	2002

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

Comments:

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MBHL19

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHL03

Matrix: SOIL Lab Sample ID: P5057-19

% Solids: 77.9 Date Received: 12/03/2024

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		12/17/2024	2006
7440-36-0	Antimony	3.7	J*	12/17/2024	2006
7440-38-2	Arsenic	20		12/17/2024	2006
7440-39-3	Barium	74		12/17/2024	2006
7440-41-7	Beryllium	1.1		12/17/2024	2006
7440-43-9	Cadmium	0.57	J	12/17/2024	2006
7440-70-2	Calcium	1700		12/17/2024	2006
7440-47-3	Chromium	10		12/17/2024	2006
7440-48-4	Cobalt	13		12/17/2024	2006
7440-50-8	Copper	31		12/17/2024	2006
7439-89-6	Iron	22000		12/17/2024	2006
7439-92-1	Lead	38		12/17/2024	2006
7439-95-4	Magnesium	2100		12/17/2024	2006
7439-96-5	Manganese	560		12/17/2024	2006
7440-02-0	Nickel	22		12/17/2024	2006
7440-09-7	Potassium	770		12/17/2024	2006
7782-49-2	Selenium	9.2	*	12/17/2024	2006
7440-22-4	Silver	0.28	J*	12/17/2024	2006
7440-23-5	Sodium	120	J	12/17/2024	2006
7440-28-0	Thallium	3.0	U*	12/17/2024	2006
7440-62-2	Vanadium	17		12/17/2024	2006
7440-66-6	Zinc	73	*	12/17/2024	2006

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

Comments:

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MBHL20

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHL03

Matrix: SOIL Lab Sample ID: P5057-20

% Solids: 76.6 Date Received: 12/03/2024

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	7700		12/17/2024	2010
7440-36-0	Antimony	3.2	J*	12/17/2024	2010
7440-38-2	Arsenic	14		12/17/2024	2010
7440-39-3	Barium	140		12/17/2024	2010
7440-41-7	Beryllium	0.86		12/17/2024	2010
7440-43-9	Cadmium	1.5		12/17/2024	2010
7440-70-2	Calcium	6500		12/17/2024	2010
7440-47-3	Chromium	13		12/17/2024	2010
7440-48-4	Cobalt	16		12/17/2024	2010
7440-50-8	Copper	28		12/17/2024	2010
7439-89-6	Iron	20000		12/17/2024	2010
7439-92-1	Lead	100		12/17/2024	2010
7439-95-4	Magnesium	2500		12/17/2024	2010
7439-96-5	Manganese	2200		12/17/2024	2010
7440-02-0	Nickel	31		12/17/2024	2010
7440-09-7	Potassium	870		12/17/2024	2010
7782-49-2	Selenium	8.2	*	12/17/2024	2010
7440-22-4	Silver	0.65	J*	12/17/2024	2010
7440-23-5	Sodium	140	J	12/17/2024	2010
7440-28-0	Thallium	2.8	U*	12/17/2024	2010
7440-62-2	Vanadium	16		12/17/2024	2010
7440-66-6	Zinc	150	*	12/17/2024	2010

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

Comments:

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MBHL21

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHL03

Matrix: SOIL Lab Sample ID: P5057-21

% Solids: 67.6 Date Received: 12/03/2024

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	7600		12/17/2024	2014
7440-36-0	Antimony	3.3	J*	12/17/2024	2014
7440-38-2	Arsenic	15		12/17/2024	2014
7440-39-3	Barium	170		12/17/2024	2014
7440-41-7	Beryllium	0.98		12/17/2024	2014
7440-43-9	Cadmium	1.4		12/17/2024	2014
7440-70-2	Calcium	12000		12/17/2024	2014
7440-47-3	Chromium	19		12/17/2024	2014
7440-48-4	Cobalt	13		12/17/2024	2014
7440-50-8	Copper	51		12/17/2024	2014
7439-89-6	Iron	19000		12/17/2024	2014
7439-92-1	Lead	300		12/17/2024	2014
7439-95-4	Magnesium	4600		12/17/2024	2014
7439-96-5	Manganese	980		12/17/2024	2014
7440-02-0	Nickel	24		12/17/2024	2014
7440-09-7	Potassium	860		12/17/2024	2014
7782-49-2	Selenium	6.0	*	12/17/2024	2014
7440-22-4	Silver	0.70	J*	12/17/2024	2014
7440-23-5	Sodium	150	J	12/17/2024	2014
7440-28-0	Thallium	3.1	U*	12/17/2024	2014
7440-62-2	Vanadium	21		12/17/2024	2014
7440-66-6	Zinc	270	*	12/17/2024	2014

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

Comments:

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MBHL22

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHL03

Matrix: SOIL Lab Sample ID: P5057-22

% Solids: 74.6 Date Received: 12/03/2024

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		12/17/2024	2018
7440-36-0	Antimony	3.4	J*	12/17/2024	2018
7440-38-2	Arsenic	15		12/17/2024	2018
7440-39-3	Barium	160		12/17/2024	2018
7440-41-7	Beryllium	0.88		12/17/2024	2018
7440-43-9	Cadmium	1.4		12/17/2024	2018
7440-70-2	Calcium	13000		12/17/2024	2018
7440-47-3	Chromium	17		12/17/2024	2018
7440-48-4	Cobalt	14		12/17/2024	2018
7440-50-8	Copper	47		12/17/2024	2018
7439-89-6	Iron	18000		12/17/2024	2018
7439-92-1	Lead	290		12/17/2024	2018
7439-95-4	Magnesium	4400		12/17/2024	2018
7439-96-5	Manganese	1000		12/17/2024	2018
7440-02-0	Nickel	24		12/17/2024	2018
7440-09-7	Potassium	640		12/17/2024	2018
7782-49-2	Selenium	6.5	*	12/17/2024	2018
7440-22-4	Silver	0.63	J*	12/17/2024	2018
7440-23-5	Sodium	210	J	12/17/2024	2018
7440-28-0	Thallium	2.5	U*	12/17/2024	2018
7440-62-2	Vanadium	19		12/17/2024	2018
7440-66-6	Zinc	200	*	12/17/2024	2018

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

Comments: