

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHL80

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHL80

Matrix: SOIL Lab Sample ID: P5058-01

% Solids: 86.3 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	5500	*	12/18/2024	1932
7440-36-0	Antimony	2.2	J	12/18/2024	1932
7440-38-2	Arsenic	10		12/18/2024	1932
7440-39-3	Barium	58	*	12/18/2024	1932
7440-41-7	Beryllium	0.67		12/18/2024	1932
7440-43-9	Cadmium	0.50		12/18/2024	1932
7440-70-2	Calcium	11000	*	12/18/2024	1932
7440-47-3	Chromium	7.5	*	12/18/2024	1932
7440-48-4	Cobalt	11	*	12/18/2024	1932
7440-50-8	Copper	26	*	12/18/2024	1932
7439-89-6	Iron	16000	*	12/18/2024	1932
7439-92-1	Lead	33	*	12/18/2024	1932
7439-95-4	Magnesium	4400	*	12/18/2024	1932
7439-96-5	Manganese	990	*	12/18/2024	1932
7440-02-0	Nickel	14		12/18/2024	1932
7440-09-7	Potassium	330	J	12/18/2024	1932
7782-49-2	Selenium	7.0		12/18/2024	1932
7440-22-4	Silver	0.59	J*	12/18/2024	1932
7440-23-5	Sodium	500	U	12/18/2024	1932
7440-28-0	Thallium	2.5	U*	12/18/2024	1932
7440-62-2	Vanadium	15		12/18/2024	1932
7440-66-6	Zinc	57	*	12/18/2024	1932

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

Comments:

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MBHL81

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHL80

Matrix: SOIL Lab Sample ID: P5058-02

% Solids: 87.6 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	4800	*	12/18/2024	1936
7440-36-0	Antimony	1.3	J	12/18/2024	1936
7440-38-2	Arsenic	7.3		12/18/2024	1936
7440-39-3	Barium	44	*	12/18/2024	1936
7440-41-7	Beryllium	0.55		12/18/2024	1936
7440-43-9	Cadmium	0.49	J	12/18/2024	1936
7440-70-2	Calcium	43000	*	12/18/2024	1936
7440-47-3	Chromium	7.3	*	12/18/2024	1936
7440-48-4	Cobalt	13	*	12/18/2024	1936
7440-50-8	Copper	27	*	12/18/2024	1936
7439-89-6	Iron	14000	*	12/18/2024	1936
7439-92-1	Lead	22	*	12/18/2024	1936
7439-95-4	Magnesium	11000	*	12/18/2024	1936
7439-96-5	Manganese	940	*	12/18/2024	1936
7440-02-0	Nickel	15		12/18/2024	1936
7440-09-7	Potassium	320	J	12/18/2024	1936
7782-49-2	Selenium	4.6		12/18/2024	1936
7440-22-4	Silver	0.47	J*	12/18/2024	1936
7440-23-5	Sodium	160	J	12/18/2024	1936
7440-28-0	Thallium	2.7	U*	12/18/2024	1936
7440-62-2	Vanadium	13		12/18/2024	1936
7440-66-6	Zinc	49	*	12/18/2024	1936

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

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MBHL82

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHL80

Matrix: SOIL Lab Sample ID: P5058-03

% Solids: 90.9 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	3500	*	12/18/2024	1940
7440-36-0	Antimony	0.63	J	12/18/2024	1940
7440-38-2	Arsenic	5.0		12/18/2024	1940
7440-39-3	Barium	26	*	12/18/2024	1940
7440-41-7	Beryllium	0.38	J	12/18/2024	1940
7440-43-9	Cadmium	0.26	J	12/18/2024	1940
7440-70-2	Calcium	84000	D*	01/03/2025	2126
7440-47-3	Chromium	5.0	*	12/18/2024	1940
7440-48-4	Cobalt	9.6	*	12/18/2024	1940
7440-50-8	Copper	22	*	12/18/2024	1940
7439-89-6	Iron	11000	*	12/18/2024	1940
7439-92-1	Lead	15	*	12/18/2024	1940
7439-95-4	Magnesium	19000	*	12/18/2024	1940
7439-96-5	Manganese	690	*	12/18/2024	1940
7440-02-0	Nickel	11		12/18/2024	1940
7440-09-7	Potassium	370	J	12/18/2024	1940
7782-49-2	Selenium	2.7		12/18/2024	1940
7440-22-4	Silver	0.33	J*	12/18/2024	1940
7440-23-5	Sodium	200	J	12/18/2024	1940
7440-28-0	Thallium	2.0	U*	12/18/2024	1940
7440-62-2	Vanadium	10		12/18/2024	1940
7440-66-6	Zinc	47	*	12/18/2024	1940

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

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MBHL83

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHL80

Matrix: SOIL Lab Sample ID: P5058-06

% 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	3700	*	12/18/2024	1956
7440-36-0	Antimony	0.60	J	12/18/2024	1956
7440-38-2	Arsenic	6.2		12/18/2024	1956
7440-39-3	Barium	33	*	12/18/2024	1956
7440-41-7	Beryllium	0.49	J	12/18/2024	1956
7440-43-9	Cadmium	0.30	J	12/18/2024	1956
7440-70-2	Calcium	98000	D*	01/03/2025	2142
7440-47-3	Chromium	6.4	*	12/18/2024	1956
7440-48-4	Cobalt	10	*	12/18/2024	1956
7440-50-8	Copper	19	*	12/18/2024	1956
7439-89-6	Iron	12000	*	12/18/2024	1956
7439-92-1	Lead	23	*	12/18/2024	1956
7439-95-4	Magnesium	10000	*	12/18/2024	1956
7439-96-5	Manganese	560	*	12/18/2024	1956
7440-02-0	Nickel	10		12/18/2024	1956
7440-09-7	Potassium	450	J	12/18/2024	1956
7782-49-2	Selenium	2.5	J	12/18/2024	1956
7440-22-4	Silver	0.62	J*	12/18/2024	1956
7440-23-5	Sodium	180	J	12/18/2024	1956
7440-28-0	Thallium	2.6	U*	12/18/2024	1956
7440-62-2	Vanadium	10		12/18/2024	1956
7440-66-6	Zinc	55	*	12/18/2024	1956

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

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MBHL84

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHL80

Matrix: SOIL Lab Sample ID: P5058-07

% Solids: 72.7 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	6600	*	12/18/2024	1959
7440-36-0	Antimony	2.6	J	12/18/2024	1959
7440-38-2	Arsenic	13		12/18/2024	1959
7440-39-3	Barium	190	*	12/18/2024	1959
7440-41-7	Beryllium	0.78		12/18/2024	1959
7440-43-9	Cadmium	1.3		12/18/2024	1959
7440-70-2	Calcium	18000	*	12/18/2024	1959
7440-47-3	Chromium	28	*	12/18/2024	1959
7440-48-4	Cobalt	15	*	12/18/2024	1959
7440-50-8	Copper	47	*	12/18/2024	1959
7439-89-6	Iron	17000	*	12/18/2024	1959
7439-92-1	Lead	390	*	12/18/2024	1959
7439-95-4	Magnesium	4700	*	12/18/2024	1959
7439-96-5	Manganese	790	*	12/18/2024	1959
7440-02-0	Nickel	52		12/18/2024	1959
7440-09-7	Potassium	840		12/18/2024	1959
7782-49-2	Selenium	7.6		12/18/2024	1959
7440-22-4	Silver	1.4	*	12/18/2024	1959
7440-23-5	Sodium	150	J	12/18/2024	1959
7440-28-0	Thallium	2.6	U*	12/18/2024	1959
7440-62-2	Vanadium	19		12/18/2024	1959
7440-66-6	Zinc	290	*	12/18/2024	1959

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

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MBHL85

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHL80

Matrix: SOIL Lab Sample ID: P5058-08

% Solids: 78.7 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	6800	*	12/18/2024	2003
7440-36-0	Antimony	2.4	J	12/18/2024	2003
7440-38-2	Arsenic	12		12/18/2024	2003
7440-39-3	Barium	190	*	12/18/2024	2003
7440-41-7	Beryllium	0.78		12/18/2024	2003
7440-43-9	Cadmium	1.2		12/18/2024	2003
7440-70-2	Calcium	18000	*	12/18/2024	2003
7440-47-3	Chromium	27	*	12/18/2024	2003
7440-48-4	Cobalt	12	*	12/18/2024	2003
7440-50-8	Copper	51	*	12/18/2024	2003
7439-89-6	Iron	17000	*	12/18/2024	2003
7439-92-1	Lead	400	*	12/18/2024	2003
7439-95-4	Magnesium	4500	*	12/18/2024	2003
7439-96-5	Manganese	710	*	12/18/2024	2003
7440-02-0	Nickel	20		12/18/2024	2003
7440-09-7	Potassium	780		12/18/2024	2003
7782-49-2	Selenium	6.9		12/18/2024	2003
7440-22-4	Silver	1.1	*	12/18/2024	2003
7440-23-5	Sodium	160	J	12/18/2024	2003
7440-28-0	Thallium	2.4	U*	12/18/2024	2003
7440-62-2	Vanadium	18		12/18/2024	2003
7440-66-6	Zinc	300	*	12/18/2024	2003

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

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MBHL86

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHL80

Matrix: SOIL Lab Sample ID: P5058-09

% 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	6100	*	12/18/2024	2007
7440-36-0	Antimony	2.1	J	12/18/2024	2007
7440-38-2	Arsenic	13		12/18/2024	2007
7440-39-3	Barium	190	*	12/18/2024	2007
7440-41-7	Beryllium	0.76		12/18/2024	2007
7440-43-9	Cadmium	1.1		12/18/2024	2007
7440-70-2	Calcium	24000	*	12/18/2024	2007
7440-47-3	Chromium	19	*	12/18/2024	2007
7440-48-4	Cobalt	11	*	12/18/2024	2007
7440-50-8	Copper	62	*	12/18/2024	2007
7439-89-6	Iron	15000	*	12/18/2024	2007
7439-92-1	Lead	350	*	12/18/2024	2007
7439-95-4	Magnesium	5800	*	12/18/2024	2007
7439-96-5	Manganese	690	*	12/18/2024	2007
7440-02-0	Nickel	18		12/18/2024	2007
7440-09-7	Potassium	760		12/18/2024	2007
7782-49-2	Selenium	5.5		12/18/2024	2007
7440-22-4	Silver	0.99	*	12/18/2024	2007
7440-23-5	Sodium	140	J	12/18/2024	2007
7440-28-0	Thallium	2.3	U*	12/18/2024	2007
7440-62-2	Vanadium	17		12/18/2024	2007
7440-66-6	Zinc	230	*	12/18/2024	2007

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

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MBHL87

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHL80

Matrix: SOIL Lab Sample ID: P5058-10

% Solids: 79 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	*	12/18/2024	2011
7440-36-0	Antimony	1.8	J	12/18/2024	2011
7440-38-2	Arsenic	14		12/18/2024	2011
7440-39-3	Barium	180	*	12/18/2024	2011
7440-41-7	Beryllium	0.70		12/18/2024	2011
7440-43-9	Cadmium	0.78		12/18/2024	2011
7440-70-2	Calcium	30000	*	12/18/2024	2011
7440-47-3	Chromium	15	*	12/18/2024	2011
7440-48-4	Cobalt	12	*	12/18/2024	2011
7440-50-8	Copper	120	*	12/18/2024	2011
7439-89-6	Iron	15000	*	12/18/2024	2011
7439-92-1	Lead	260	*	12/18/2024	2011
7439-95-4	Magnesium	4800	*	12/18/2024	2011
7439-96-5	Manganese	800	*	12/18/2024	2011
7440-02-0	Nickel	16		12/18/2024	2011
7440-09-7	Potassium	890		12/18/2024	2011
7782-49-2	Selenium	5.5		12/18/2024	2011
7440-22-4	Silver	0.82	J*	12/18/2024	2011
7440-23-5	Sodium	170	J	12/18/2024	2011
7440-28-0	Thallium	2.6	U*	12/18/2024	2011
7440-62-2	Vanadium	15		12/18/2024	2011
7440-66-6	Zinc	180	*	12/18/2024	2011

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

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MBHL88

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHL80

Matrix: SOIL Lab Sample ID: P5058-11

% Solids: 77.2 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	6200	*	12/18/2024	2015
7440-36-0	Antimony	2.6	J	12/18/2024	2015
7440-38-2	Arsenic	11		12/18/2024	2015
7440-39-3	Barium	140	*	12/18/2024	2015
7440-41-7	Beryllium	0.71		12/18/2024	2015
7440-43-9	Cadmium	0.68		12/18/2024	2015
7440-70-2	Calcium	14000	*	12/18/2024	2015
7440-47-3	Chromium	11	*	12/18/2024	2015
7440-48-4	Cobalt	12	*	12/18/2024	2015
7440-50-8	Copper	34	*	12/18/2024	2015
7439-89-6	Iron	16000	*	12/18/2024	2015
7439-92-1	Lead	110	*	12/18/2024	2015
7439-95-4	Magnesium	3500	*	12/18/2024	2015
7439-96-5	Manganese	890	*	12/18/2024	2015
7440-02-0	Nickel	17		12/18/2024	2015
7440-09-7	Potassium	580		12/18/2024	2015
7782-49-2	Selenium	6.8		12/18/2024	2015
7440-22-4	Silver	0.68	J*	12/18/2024	2015
7440-23-5	Sodium	140	J	12/18/2024	2015
7440-28-0	Thallium	2.6	U*	12/18/2024	2015
7440-62-2	Vanadium	17		12/18/2024	2015
7440-66-6	Zinc	97	*	12/18/2024	2015

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

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MBHL89

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHL80

Matrix: SOIL Lab Sample ID: P5058-12

% Solids: 86.4 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	3600	*	12/18/2024	2018
7440-36-0	Antimony	0.95	J	12/18/2024	2018
7440-38-2	Arsenic	5.1		12/18/2024	2018
7440-39-3	Barium	140	*	12/18/2024	2018
7440-41-7	Beryllium	0.31	J	12/18/2024	2018
7440-43-9	Cadmium	0.54		12/18/2024	2018
7440-70-2	Calcium	28000	*	12/18/2024	2018
7440-47-3	Chromium	6.7	*	12/18/2024	2018
7440-48-4	Cobalt	10	*	12/18/2024	2018
7440-50-8	Copper	18	*	12/18/2024	2018
7439-89-6	Iron	12000	*	12/18/2024	2018
7439-92-1	Lead	19	*	12/18/2024	2018
7439-95-4	Magnesium	5800	*	12/18/2024	2018
7439-96-5	Manganese	2000	*	12/18/2024	2018
7440-02-0	Nickel	14		12/18/2024	2018
7440-09-7	Potassium	360	J	12/18/2024	2018
7782-49-2	Selenium	4.6		12/18/2024	2018
7440-22-4	Silver	0.61	J*	12/18/2024	2018
7440-23-5	Sodium	120	J	12/18/2024	2018
7440-28-0	Thallium	2.5	U*	12/18/2024	2018
7440-62-2	Vanadium	11		12/18/2024	2018
7440-66-6	Zinc	42	*	12/18/2024	2018

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

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MBHL90

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHL80

Matrix: SOIL Lab Sample ID: P5058-13

% Solids: 88 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	3500	*	12/18/2024	2022
7440-36-0	Antimony	0.99	J	12/18/2024	2022
7440-38-2	Arsenic	5.5		12/18/2024	2022
7440-39-3	Barium	110	*	12/18/2024	2022
7440-41-7	Beryllium	0.39	J	12/18/2024	2022
7440-43-9	Cadmium	0.43	J	12/18/2024	2022
7440-70-2	Calcium	62000	*	12/18/2024	2022
7440-47-3	Chromium	6.7	*	12/18/2024	2022
7440-48-4	Cobalt	11	*	12/18/2024	2022
7440-50-8	Copper	21	*	12/18/2024	2022
7439-89-6	Iron	12000	*	12/18/2024	2022
7439-92-1	Lead	18	*	12/18/2024	2022
7439-95-4	Magnesium	13000	*	12/18/2024	2022
7439-96-5	Manganese	1500	*	12/18/2024	2022
7440-02-0	Nickel	14		12/18/2024	2022
7440-09-7	Potassium	540		12/18/2024	2022
7782-49-2	Selenium	3.6		12/18/2024	2022
7440-22-4	Silver	0.54	J*	12/18/2024	2022
7440-23-5	Sodium	120	J	12/18/2024	2022
7440-28-0	Thallium	2.4	U*	12/18/2024	2022
7440-62-2	Vanadium	11		12/18/2024	2022
7440-66-6	Zinc	37	*	12/18/2024	2022

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

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MBHL98

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHL80

Matrix: SOIL Lab Sample ID: P5058-14

% Solids: 68.6 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	5800	*	12/18/2024	2034
7440-36-0	Antimony	2.6	J	12/18/2024	2034
7440-38-2	Arsenic	12		12/18/2024	2034
7440-39-3	Barium	160	*	12/18/2024	2034
7440-41-7	Beryllium	0.67		12/18/2024	2034
7440-43-9	Cadmium	0.90		12/18/2024	2034
7440-70-2	Calcium	7300	*	12/18/2024	2034
7440-47-3	Chromium	29	*	12/18/2024	2034
7440-48-4	Cobalt	10	*	12/18/2024	2034
7440-50-8	Copper	31	*	12/18/2024	2034
7439-89-6	Iron	14000	*	12/18/2024	2034
7439-92-1	Lead	300	*	12/18/2024	2034
7439-95-4	Magnesium	2900	*	12/18/2024	2034
7439-96-5	Manganese	780	*	12/18/2024	2034
7440-02-0	Nickel	18		12/18/2024	2034
7440-09-7	Potassium	930		12/18/2024	2034
7782-49-2	Selenium	7.1		12/18/2024	2034
7440-22-4	Silver	0.72	J*	12/18/2024	2034
7440-23-5	Sodium	140	J	12/18/2024	2034
7440-28-0	Thallium	3.3	U*	12/18/2024	2034
7440-62-2	Vanadium	16		12/18/2024	2034
7440-66-6	Zinc	190	*	12/18/2024	2034

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHL99

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHL80

Matrix: SOIL Lab Sample ID: P5058-15

% Solids: 77.2 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	6200	*	12/18/2024	2038
7440-36-0	Antimony	2.5	J	12/18/2024	2038
7440-38-2	Arsenic	14		12/18/2024	2038
7440-39-3	Barium	170	*	12/18/2024	2038
7440-41-7	Beryllium	0.73		12/18/2024	2038
7440-43-9	Cadmium	1.0		12/18/2024	2038
7440-70-2	Calcium	7700	*	12/18/2024	2038
7440-47-3	Chromium	32	*	12/18/2024	2038
7440-48-4	Cobalt	10	*	12/18/2024	2038
7440-50-8	Copper	34	*	12/18/2024	2038
7439-89-6	Iron	15000	*	12/18/2024	2038
7439-92-1	Lead	340	*	12/18/2024	2038
7439-95-4	Magnesium	3000	*	12/18/2024	2038
7439-96-5	Manganese	820	*	12/18/2024	2038
7440-02-0	Nickel	19		12/18/2024	2038
7440-09-7	Potassium	720		12/18/2024	2038
7782-49-2	Selenium	7.7		12/18/2024	2038
7440-22-4	Silver	0.85	J*	12/18/2024	2038
7440-23-5	Sodium	110	J	12/18/2024	2038
7440-28-0	Thallium	2.8	U*	12/18/2024	2038
7440-62-2	Vanadium	17		12/18/2024	2038
7440-66-6	Zinc	200	*	12/18/2024	2038

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHLA0

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHL80

Matrix: SOIL Lab Sample ID: P5058-16

% Solids: 80.5 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	5900	*	12/18/2024	2041
7440-36-0	Antimony	2.4	J	12/18/2024	2041
7440-38-2	Arsenic	16		12/18/2024	2041
7440-39-3	Barium	170	*	12/18/2024	2041
7440-41-7	Beryllium	0.70		12/18/2024	2041
7440-43-9	Cadmium	0.88		12/18/2024	2041
7440-70-2	Calcium	10000	*	12/18/2024	2041
7440-47-3	Chromium	20	*	12/18/2024	2041
7440-48-4	Cobalt	10	*	12/18/2024	2041
7440-50-8	Copper	30	*	12/18/2024	2041
7439-89-6	Iron	15000	*	12/18/2024	2041
7439-92-1	Lead	280	*	12/18/2024	2041
7439-95-4	Magnesium	3200	*	12/18/2024	2041
7439-96-5	Manganese	840	*	12/18/2024	2041
7440-02-0	Nickel	17		12/18/2024	2041
7440-09-7	Potassium	540		12/18/2024	2041
7782-49-2	Selenium	6.8		12/18/2024	2041
7440-22-4	Silver	0.73	J*	12/18/2024	2041
7440-23-5	Sodium	150	J	12/18/2024	2041
7440-28-0	Thallium	2.4	U*	12/18/2024	2041
7440-62-2	Vanadium	15		12/18/2024	2041
7440-66-6	Zinc	150	*	12/18/2024	2041

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHLA1

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHL80

Matrix: SOIL Lab Sample ID: P5058-17

% Solids: 86 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	5100	*	12/18/2024	2045
7440-36-0	Antimony	2.0	J	12/18/2024	2045
7440-38-2	Arsenic	12		12/18/2024	2045
7440-39-3	Barium	91	*	12/18/2024	2045
7440-41-7	Beryllium	0.58		12/18/2024	2045
7440-43-9	Cadmium	0.44		12/18/2024	2045
7440-70-2	Calcium	10000	*	12/18/2024	2045
7440-47-3	Chromium	9.5	*	12/18/2024	2045
7440-48-4	Cobalt	9.2	*	12/18/2024	2045
7440-50-8	Copper	21	*	12/18/2024	2045
7439-89-6	Iron	14000	*	12/18/2024	2045
7439-92-1	Lead	120	*	12/18/2024	2045
7439-95-4	Magnesium	4700	*	12/18/2024	2045
7439-96-5	Manganese	680	*	12/18/2024	2045
7440-02-0	Nickel	13		12/18/2024	2045
7440-09-7	Potassium	310	J	12/18/2024	2045
7782-49-2	Selenium	6.0		12/18/2024	2045
7440-22-4	Silver	0.53	J*	12/18/2024	2045
7440-23-5	Sodium	110	J	12/18/2024	2045
7440-28-0	Thallium	2.2	U*	12/18/2024	2045
7440-62-2	Vanadium	14		12/18/2024	2045
7440-66-6	Zinc	62	*	12/18/2024	2045

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHLA2

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHL80

Matrix: SOIL Lab Sample ID: P5058-18

% Solids: 91.8 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	3900	*	12/18/2024	2049
7440-36-0	Antimony	1.3	J	12/18/2024	2049
7440-38-2	Arsenic	6.7		12/18/2024	2049
7440-39-3	Barium	54	*	12/18/2024	2049
7440-41-7	Beryllium	0.44	J	12/18/2024	2049
7440-43-9	Cadmium	0.31	J	12/18/2024	2049
7440-70-2	Calcium	29000	*	12/18/2024	2049
7440-47-3	Chromium	7.9	*	12/18/2024	2049
7440-48-4	Cobalt	9.5	*	12/18/2024	2049
7440-50-8	Copper	19	*	12/18/2024	2049
7439-89-6	Iron	12000	*	12/18/2024	2049
7439-92-1	Lead	53	*	12/18/2024	2049
7439-95-4	Magnesium	6800	*	12/18/2024	2049
7439-96-5	Manganese	640	*	12/18/2024	2049
7440-02-0	Nickel	12		12/18/2024	2049
7440-09-7	Potassium	240	J	12/18/2024	2049
7782-49-2	Selenium	3.6		12/18/2024	2049
7440-22-4	Silver	0.44	J*	12/18/2024	2049
7440-23-5	Sodium	150	J	12/18/2024	2049
7440-28-0	Thallium	2.4	U*	12/18/2024	2049
7440-62-2	Vanadium	11		12/18/2024	2049
7440-66-6	Zinc	53	*	12/18/2024	2049

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

Comments:

FORM 1 - IN
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MBHLA3

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHL80

Matrix: SOIL Lab Sample ID: P5058-19

% Solids: 94.1 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	3900	*	12/18/2024	2053
7440-36-0	Antimony	1.3	J	12/18/2024	2053
7440-38-2	Arsenic	5.2		12/18/2024	2053
7440-39-3	Barium	35	*	12/18/2024	2053
7440-41-7	Beryllium	0.46		12/18/2024	2053
7440-43-9	Cadmium	0.25	J	12/18/2024	2053
7440-70-2	Calcium	43000	*	12/18/2024	2053
7440-47-3	Chromium	6.2	*	12/18/2024	2053
7440-48-4	Cobalt	10	*	12/18/2024	2053
7440-50-8	Copper	20	*	12/18/2024	2053
7439-89-6	Iron	13000	*	12/18/2024	2053
7439-92-1	Lead	21	*	12/18/2024	2053
7439-95-4	Magnesium	9300	*	12/18/2024	2053
7439-96-5	Manganese	650	*	12/18/2024	2053
7440-02-0	Nickel	14		12/18/2024	2053
7440-09-7	Potassium	310	J	12/18/2024	2053
7782-49-2	Selenium	3.9		12/18/2024	2053
7440-22-4	Silver	0.42	J*	12/18/2024	2053
7440-23-5	Sodium	130	J	12/18/2024	2053
7440-28-0	Thallium	2.2	U*	12/18/2024	2053
7440-62-2	Vanadium	12		12/18/2024	2053
7440-66-6	Zinc	41	*	12/18/2024	2053

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

Comments:

FORM 1 - IN
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MBHLA4

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHL80
 Matrix: SOIL Lab Sample ID: P5058-20
 % Solids: 93.4 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	3200	*	12/18/2024	2057
7440-36-0	Antimony	0.61	J	12/18/2024	2057
7440-38-2	Arsenic	6.3		12/18/2024	2057
7440-39-3	Barium	47	*	12/18/2024	2057
7440-41-7	Beryllium	0.40	J	12/18/2024	2057
7440-43-9	Cadmium	0.29	J	12/18/2024	2057
7440-70-2	Calcium	91000	D*	01/03/2025	2145
7440-47-3	Chromium	5.6	*	12/18/2024	2057
7440-48-4	Cobalt	10	*	12/18/2024	2057
7440-50-8	Copper	31	*	12/18/2024	2057
7439-89-6	Iron	11000	*	12/18/2024	2057
7439-92-1	Lead	21	*	12/18/2024	2057
7439-95-4	Magnesium	9500	*	12/18/2024	2057
7439-96-5	Manganese	920	*	12/18/2024	2057
7440-02-0	Nickel	12		12/18/2024	2057
7440-09-7	Potassium	440	J	12/18/2024	2057
7782-49-2	Selenium	2.8	J	12/18/2024	2057
7440-22-4	Silver	0.44	J*	12/18/2024	2057
7440-23-5	Sodium	120	J	12/18/2024	2057
7440-28-0	Thallium	2.3	U*	12/18/2024	2057
7440-62-2	Vanadium	9.4		12/18/2024	2057
7440-66-6	Zinc	36	*	12/18/2024	2057

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

Comments:

FORM 1 - IN
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MBHLC6

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHL80

Matrix: SOIL Lab Sample ID: P5058-21

% Solids: 66.9 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	6500	*	12/18/2024	2101
7440-36-0	Antimony	2.9	J	12/18/2024	2101
7440-38-2	Arsenic	12		12/18/2024	2101
7440-39-3	Barium	120	*	12/18/2024	2101
7440-41-7	Beryllium	0.79		12/18/2024	2101
7440-43-9	Cadmium	0.86		12/18/2024	2101
7440-70-2	Calcium	5200	*	12/18/2024	2101
7440-47-3	Chromium	35	*	12/18/2024	2101
7440-48-4	Cobalt	11	*	12/18/2024	2101
7440-50-8	Copper	29	*	12/18/2024	2101
7439-89-6	Iron	17000	*	12/18/2024	2101
7439-92-1	Lead	140	*	12/18/2024	2101
7439-95-4	Magnesium	2300	*	12/18/2024	2101
7439-96-5	Manganese	860	*	12/18/2024	2101
7440-02-0	Nickel	18		12/18/2024	2101
7440-09-7	Potassium	700		12/18/2024	2101
7782-49-2	Selenium	8.4		12/18/2024	2101
7440-22-4	Silver	0.82	J*	12/18/2024	2101
7440-23-5	Sodium	200	J	12/18/2024	2101
7440-28-0	Thallium	3.5	U*	12/18/2024	2101
7440-62-2	Vanadium	18		12/18/2024	2101
7440-66-6	Zinc	110	*	12/18/2024	2101

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

Comments:

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MBHLC7

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHL80

Matrix: SOIL Lab Sample ID: P5058-22

% Solids: 74.3 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	5800	*	12/18/2024	2105
7440-36-0	Antimony	2.5	J	12/18/2024	2105
7440-38-2	Arsenic	11		12/18/2024	2105
7440-39-3	Barium	110	*	12/18/2024	2105
7440-41-7	Beryllium	0.70		12/18/2024	2105
7440-43-9	Cadmium	0.88		12/18/2024	2105
7440-70-2	Calcium	4800	*	12/18/2024	2105
7440-47-3	Chromium	34	*	12/18/2024	2105
7440-48-4	Cobalt	9.7	*	12/18/2024	2105
7440-50-8	Copper	26	*	12/18/2024	2105
7439-89-6	Iron	15000	*	12/18/2024	2105
7439-92-1	Lead	120	*	12/18/2024	2105
7439-95-4	Magnesium	2200	*	12/18/2024	2105
7439-96-5	Manganese	870	*	12/18/2024	2105
7440-02-0	Nickel	17		12/18/2024	2105
7440-09-7	Potassium	530		12/18/2024	2105
7782-49-2	Selenium	7.8		12/18/2024	2105
7440-22-4	Silver	0.76	J*	12/18/2024	2105
7440-23-5	Sodium	150	J	12/18/2024	2105
7440-28-0	Thallium	2.5	U*	12/18/2024	2105
7440-62-2	Vanadium	16		12/18/2024	2105
7440-66-6	Zinc	97	*	12/18/2024	2105

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

Comments: