

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHL94

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHL94

Matrix: SOIL Lab Sample ID: P5064-01

% Solids: 89.8 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	5900		12/18/2024	0118
7440-36-0	Antimony	2.3	J*	12/18/2024	0118
7440-38-2	Arsenic	7.5		12/18/2024	0118
7440-39-3	Barium	89		12/18/2024	0118
7440-41-7	Beryllium	0.71		12/18/2024	0118
7440-43-9	Cadmium	0.33	J	12/18/2024	0118
7440-70-2	Calcium	2600		12/18/2024	0118
7440-47-3	Chromium	9.8		12/18/2024	0118
7440-48-4	Cobalt	7.9		12/18/2024	0118
7440-50-8	Copper	18		12/18/2024	0118
7439-89-6	Iron	14000		12/18/2024	0118
7439-92-1	Lead	74		12/18/2024	0118
7439-95-4	Magnesium	1800		12/18/2024	0118
7439-96-5	Manganese	490		12/18/2024	0118
7440-02-0	Nickel	11		12/18/2024	0118
7440-09-7	Potassium	430	J	12/18/2024	0118
7782-49-2	Selenium	5.8	*	12/18/2024	0118
7440-22-4	Silver	0.36	J*	12/18/2024	0118
7440-23-5	Sodium	480	U	12/18/2024	0118
7440-28-0	Thallium	2.4	U*	12/18/2024	0118
7440-62-2	Vanadium	14		12/18/2024	0118
7440-66-6	Zinc	45	*	12/18/2024	0118

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHL95

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHL94

Matrix: SOIL Lab Sample ID: P5064-02

% Solids: 92.7 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	4000		12/18/2024	0121
7440-36-0	Antimony	1.2	J*	12/18/2024	0121
7440-38-2	Arsenic	4.8		12/18/2024	0121
7440-39-3	Barium	60		12/18/2024	0121
7440-41-7	Beryllium	0.48		12/18/2024	0121
7440-43-9	Cadmium	0.28	J	12/18/2024	0121
7440-70-2	Calcium	28000		12/18/2024	0121
7440-47-3	Chromium	11		12/18/2024	0121
7440-48-4	Cobalt	8.6		12/18/2024	0121
7440-50-8	Copper	15		12/18/2024	0121
7439-89-6	Iron	11000		12/18/2024	0121
7439-92-1	Lead	91		12/18/2024	0121
7439-95-4	Magnesium	5700		12/18/2024	0121
7439-96-5	Manganese	510		12/18/2024	0121
7440-02-0	Nickel	11		12/18/2024	0121
7440-09-7	Potassium	370	J	12/18/2024	0121
7782-49-2	Selenium	2.1	J*	12/18/2024	0121
7440-22-4	Silver	0.28	J*	12/18/2024	0121
7440-23-5	Sodium	430	U	12/18/2024	0121
7440-28-0	Thallium	2.1	U*	12/18/2024	0121
7440-62-2	Vanadium	10		12/18/2024	0121
7440-66-6	Zinc	47	*	12/18/2024	0121

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHL96

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHL94

Matrix: SOIL Lab Sample ID: P5064-03

% Solids: 91.9 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	4300		12/18/2024	0125
7440-36-0	Antimony	1.5	J*	12/18/2024	0125
7440-38-2	Arsenic	5.3		12/18/2024	0125
7440-39-3	Barium	40		12/18/2024	0125
7440-41-7	Beryllium	0.52		12/18/2024	0125
7440-43-9	Cadmium	0.21	J	12/18/2024	0125
7440-70-2	Calcium	29000		12/18/2024	0125
7440-47-3	Chromium	8.1		12/18/2024	0125
7440-48-4	Cobalt	9.8		12/18/2024	0125
7440-50-8	Copper	22		12/18/2024	0125
7439-89-6	Iron	13000		12/18/2024	0125
7439-92-1	Lead	22		12/18/2024	0125
7439-95-4	Magnesium	9300		12/18/2024	0125
7439-96-5	Manganese	700		12/18/2024	0125
7440-02-0	Nickel	13		12/18/2024	0125
7440-09-7	Potassium	430	J	12/18/2024	0125
7782-49-2	Selenium	3.0	J*	12/18/2024	0125
7440-22-4	Silver	0.32	J*	12/18/2024	0125
7440-23-5	Sodium	490	U	12/18/2024	0125
7440-28-0	Thallium	2.4	U*	12/18/2024	0125
7440-62-2	Vanadium	12		12/18/2024	0125
7440-66-6	Zinc	30	*	12/18/2024	0125

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHL97

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHL94

Matrix: SOIL Lab Sample ID: P5064-04

% Solids: 91.5 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	4300		12/18/2024	0129
7440-36-0	Antimony	0.53	J*	12/18/2024	0129
7440-38-2	Arsenic	3.5		12/18/2024	0129
7440-39-3	Barium	43		12/18/2024	0129
7440-41-7	Beryllium	0.44	J	12/18/2024	0129
7440-43-9	Cadmium	0.27	J	12/18/2024	0129
7440-70-2	Calcium	110000	D	01/03/2025	2314
7440-47-3	Chromium	7.2		12/18/2024	0129
7440-48-4	Cobalt	10		12/18/2024	0129
7440-50-8	Copper	21		12/18/2024	0129
7439-89-6	Iron	12000		12/18/2024	0129
7439-92-1	Lead	9.4		12/18/2024	0129
7439-95-4	Magnesium	19000		12/18/2024	0129
7439-96-5	Manganese	800		12/18/2024	0129
7440-02-0	Nickel	13		12/18/2024	0129
7440-09-7	Potassium	610		12/18/2024	0129
7782-49-2	Selenium	0.92	J*	12/18/2024	0129
7440-22-4	Silver	0.21	J*	12/18/2024	0129
7440-23-5	Sodium	490	U	12/18/2024	0129
7440-28-0	Thallium	2.4	U*	12/18/2024	0129
7440-62-2	Vanadium	11		12/18/2024	0129
7440-66-6	Zinc	30	*	12/18/2024	0129

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHLA5

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHL94

Matrix: SOIL Lab Sample ID: P5064-05

% Solids: 77.8 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	5600		12/18/2024	0133
7440-36-0	Antimony	2.0	J*	12/18/2024	0133
7440-38-2	Arsenic	12		12/18/2024	0133
7440-39-3	Barium	120		12/18/2024	0133
7440-41-7	Beryllium	0.68		12/18/2024	0133
7440-43-9	Cadmium	0.92		12/18/2024	0133
7440-70-2	Calcium	29000		12/18/2024	0133
7440-47-3	Chromium	18		12/18/2024	0133
7440-48-4	Cobalt	12		12/18/2024	0133
7440-50-8	Copper	39		12/18/2024	0133
7439-89-6	Iron	17000		12/18/2024	0133
7439-92-1	Lead	160		12/18/2024	0133
7439-95-4	Magnesium	5600		12/18/2024	0133
7439-96-5	Manganese	920		12/18/2024	0133
7440-02-0	Nickel	19		12/18/2024	0133
7440-09-7	Potassium	680		12/18/2024	0133
7782-49-2	Selenium	5.0	*	12/18/2024	0133
7440-22-4	Silver	0.70	J*	12/18/2024	0133
7440-23-5	Sodium	500	U	12/18/2024	0133
7440-28-0	Thallium	2.5	U*	12/18/2024	0133
7440-62-2	Vanadium	16		12/18/2024	0133
7440-66-6	Zinc	160	*	12/18/2024	0133

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHLA6

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHL94

Matrix: SOIL Lab Sample ID: P5064-06

% Solids: 72.4 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	5700		12/18/2024	0137
7440-36-0	Antimony	2.1	J*	12/18/2024	0137
7440-38-2	Arsenic	12		12/18/2024	0137
7440-39-3	Barium	140		12/18/2024	0137
7440-41-7	Beryllium	0.69		12/18/2024	0137
7440-43-9	Cadmium	0.73		12/18/2024	0137
7440-70-2	Calcium	31000		12/18/2024	0137
7440-47-3	Chromium	18		12/18/2024	0137
7440-48-4	Cobalt	12		12/18/2024	0137
7440-50-8	Copper	38		12/18/2024	0137
7439-89-6	Iron	15000		12/18/2024	0137
7439-92-1	Lead	170		12/18/2024	0137
7439-95-4	Magnesium	5800		12/18/2024	0137
7439-96-5	Manganese	810		12/18/2024	0137
7440-02-0	Nickel	17		12/18/2024	0137
7440-09-7	Potassium	790		12/18/2024	0137
7782-49-2	Selenium	4.1	*	12/18/2024	0137
7440-22-4	Silver	0.70	J*	12/18/2024	0137
7440-23-5	Sodium	570	U	12/18/2024	0137
7440-28-0	Thallium	2.9	U*	12/18/2024	0137
7440-62-2	Vanadium	15		12/18/2024	0137
7440-66-6	Zinc	150	*	12/18/2024	0137

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHLA7

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHL94

Matrix: SOIL Lab Sample ID: P5064-07

% Solids: 74.4 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	4900		12/18/2024	0141
7440-36-0	Antimony	1.1	J*	12/18/2024	0141
7440-38-2	Arsenic	6.4		12/18/2024	0141
7440-39-3	Barium	57		12/18/2024	0141
7440-41-7	Beryllium	0.55		12/18/2024	0141
7440-43-9	Cadmium	0.32	J	12/18/2024	0141
7440-70-2	Calcium	77000		12/18/2024	0141
7440-47-3	Chromium	8.3		12/18/2024	0141
7440-48-4	Cobalt	13		12/18/2024	0141
7440-50-8	Copper	21		12/18/2024	0141
7439-89-6	Iron	13000		12/18/2024	0141
7439-92-1	Lead	19		12/18/2024	0141
7439-95-4	Magnesium	11000		12/18/2024	0141
7439-96-5	Manganese	1100		12/18/2024	0141
7440-02-0	Nickel	14		12/18/2024	0141
7440-09-7	Potassium	370	J	12/18/2024	0141
7782-49-2	Selenium	2.0	J*	12/18/2024	0141
7440-22-4	Silver	0.26	J*	12/18/2024	0141
7440-23-5	Sodium	550	U	12/18/2024	0141
7440-28-0	Thallium	1.4	J*	12/18/2024	0141
7440-62-2	Vanadium	10		12/18/2024	0141
7440-66-6	Zinc	47	*	12/18/2024	0141

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHLA8

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHL94
 Matrix: SOIL Lab Sample ID: P5064-08
 % Solids: 74.8 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	6500		12/18/2024	0144
7440-36-0	Antimony	2.0	J*	12/18/2024	0144
7440-38-2	Arsenic	14		12/18/2024	0144
7440-39-3	Barium	210		12/18/2024	0144
7440-41-7	Beryllium	0.72		12/18/2024	0144
7440-43-9	Cadmium	0.75		12/18/2024	0144
7440-70-2	Calcium	18000		12/18/2024	0144
7440-47-3	Chromium	15		12/18/2024	0144
7440-48-4	Cobalt	12		12/18/2024	0144
7440-50-8	Copper	37		12/18/2024	0144
7439-89-6	Iron	15000		12/18/2024	0144
7439-92-1	Lead	240		12/18/2024	0144
7439-95-4	Magnesium	3600		12/18/2024	0144
7439-96-5	Manganese	1000		12/18/2024	0144
7440-02-0	Nickel	16		12/18/2024	0144
7440-09-7	Potassium	920		12/18/2024	0144
7782-49-2	Selenium	5.0	*	12/18/2024	0144
7440-22-4	Silver	0.75	J*	12/18/2024	0144
7440-23-5	Sodium	550	U	12/18/2024	0144
7440-28-0	Thallium	2.8	U*	12/18/2024	0144
7440-62-2	Vanadium	16		12/18/2024	0144
7440-66-6	Zinc	150	*	12/18/2024	0144

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHLA9

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHL94

Matrix: SOIL Lab Sample ID: P5064-09

% Solids: 77.5 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	7500		12/18/2024	0148
7440-36-0	Antimony	2.3	J*	12/18/2024	0148
7440-38-2	Arsenic	9.4		12/18/2024	0148
7440-39-3	Barium	130		12/18/2024	0148
7440-41-7	Beryllium	0.72		12/18/2024	0148
7440-43-9	Cadmium	0.55		12/18/2024	0148
7440-70-2	Calcium	9400		12/18/2024	0148
7440-47-3	Chromium	13		12/18/2024	0148
7440-48-4	Cobalt	10		12/18/2024	0148
7440-50-8	Copper	17		12/18/2024	0148
7439-89-6	Iron	16000		12/18/2024	0148
7439-92-1	Lead	71		12/18/2024	0148
7439-95-4	Magnesium	3200		12/18/2024	0148
7439-96-5	Manganese	730		12/18/2024	0148
7440-02-0	Nickel	17		12/18/2024	0148
7440-09-7	Potassium	670		12/18/2024	0148
7782-49-2	Selenium	5.7	*	12/18/2024	0148
7440-22-4	Silver	0.64	J*	12/18/2024	0148
7440-23-5	Sodium	470	U	12/18/2024	0148
7440-28-0	Thallium	2.3	U*	12/18/2024	0148
7440-62-2	Vanadium	15		12/18/2024	0148
7440-66-6	Zinc	110	*	12/18/2024	0148

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHLB0

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHL94

Matrix: SOIL Lab Sample ID: P5064-10

% Solids: 83.3 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	4700		12/18/2024	0152
7440-36-0	Antimony	1.6	J*	12/18/2024	0152
7440-38-2	Arsenic	7.0		12/18/2024	0152
7440-39-3	Barium	150		12/18/2024	0152
7440-41-7	Beryllium	0.53		12/18/2024	0152
7440-43-9	Cadmium	0.49		12/18/2024	0152
7440-70-2	Calcium	22000		12/18/2024	0152
7440-47-3	Chromium	11		12/18/2024	0152
7440-48-4	Cobalt	10		12/18/2024	0152
7440-50-8	Copper	18		12/18/2024	0152
7439-89-6	Iron	14000		12/18/2024	0152
7439-92-1	Lead	67		12/18/2024	0152
7439-95-4	Magnesium	6800		12/18/2024	0152
7439-96-5	Manganese	1200		12/18/2024	0152
7440-02-0	Nickel	14		12/18/2024	0152
7440-09-7	Potassium	520		12/18/2024	0152
7782-49-2	Selenium	4.1	*	12/18/2024	0152
7440-22-4	Silver	0.59	J*	12/18/2024	0152
7440-23-5	Sodium	470	U	12/18/2024	0152
7440-28-0	Thallium	2.4	U*	12/18/2024	0152
7440-62-2	Vanadium	12		12/18/2024	0152
7440-66-6	Zinc	77	*	12/18/2024	0152

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHLB1

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHL94

Matrix: SOIL Lab Sample ID: P5064-11

% Solids: 84.6 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	4100		12/18/2024	0156
7440-36-0	Antimony	1.8	J*	12/18/2024	0156
7440-38-2	Arsenic	6.5		12/18/2024	0156
7440-39-3	Barium	140		12/18/2024	0156
7440-41-7	Beryllium	0.47	J	12/18/2024	0156
7440-43-9	Cadmium	0.41	J	12/18/2024	0156
7440-70-2	Calcium	31000		12/18/2024	0156
7440-47-3	Chromium	7.8		12/18/2024	0156
7440-48-4	Cobalt	11		12/18/2024	0156
7440-50-8	Copper	11		12/18/2024	0156
7439-89-6	Iron	14000		12/18/2024	0156
7439-92-1	Lead	21		12/18/2024	0156
7439-95-4	Magnesium	7900		12/18/2024	0156
7439-96-5	Manganese	1400		12/18/2024	0156
7440-02-0	Nickel	13		12/18/2024	0156
7440-09-7	Potassium	610		12/18/2024	0156
7782-49-2	Selenium	3.8	*	12/18/2024	0156
7440-22-4	Silver	0.62	J*	12/18/2024	0156
7440-23-5	Sodium	480	U	12/18/2024	0156
7440-28-0	Thallium	2.4	U*	12/18/2024	0156
7440-62-2	Vanadium	9.6		12/18/2024	0156
7440-66-6	Zinc	52	*	12/18/2024	0156

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHLB2

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHL94

Matrix: SOIL Lab Sample ID: P5064-12

% Solids: 69.7 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	6400		12/18/2024	0200
7440-36-0	Antimony	2.8	J*	12/18/2024	0200
7440-38-2	Arsenic	11		12/18/2024	0200
7440-39-3	Barium	110		12/18/2024	0200
7440-41-7	Beryllium	0.82		12/18/2024	0200
7440-43-9	Cadmium	0.87		12/18/2024	0200
7440-70-2	Calcium	7600		12/18/2024	0200
7440-47-3	Chromium	37		12/18/2024	0200
7440-48-4	Cobalt	10		12/18/2024	0200
7440-50-8	Copper	33		12/18/2024	0200
7439-89-6	Iron	16000		12/18/2024	0200
7439-92-1	Lead	150		12/18/2024	0200
7439-95-4	Magnesium	3300		12/18/2024	0200
7439-96-5	Manganese	710		12/18/2024	0200
7440-02-0	Nickel	19		12/18/2024	0200
7440-09-7	Potassium	620		12/18/2024	0200
7782-49-2	Selenium	6.4	*	12/18/2024	0200
7440-22-4	Silver	0.77	J*	12/18/2024	0200
7440-23-5	Sodium	570	U	12/18/2024	0200
7440-28-0	Thallium	2.9	U*	12/18/2024	0200
7440-62-2	Vanadium	18		12/18/2024	0200
7440-66-6	Zinc	120	*	12/18/2024	0200

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHLB3

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHL94

Matrix: SOIL Lab Sample ID: P5064-13

% Solids: 74.5 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	6500		12/18/2024	0204
7440-36-0	Antimony	2.4	J*	12/18/2024	0204
7440-38-2	Arsenic	11		12/18/2024	0204
7440-39-3	Barium	120		12/18/2024	0204
7440-41-7	Beryllium	0.77		12/18/2024	0204
7440-43-9	Cadmium	0.90		12/18/2024	0204
7440-70-2	Calcium	13000		12/18/2024	0204
7440-47-3	Chromium	38		12/18/2024	0204
7440-48-4	Cobalt	11		12/18/2024	0204
7440-50-8	Copper	30		12/18/2024	0204
7439-89-6	Iron	16000		12/18/2024	0204
7439-92-1	Lead	140		12/18/2024	0204
7439-95-4	Magnesium	5600		12/18/2024	0204
7439-96-5	Manganese	1000		12/18/2024	0204
7440-02-0	Nickel	20		12/18/2024	0204
7440-09-7	Potassium	500	J	12/18/2024	0204
7782-49-2	Selenium	5.4	*	12/18/2024	0204
7440-22-4	Silver	0.80	J*	12/18/2024	0204
7440-23-5	Sodium	590	U	12/18/2024	0204
7440-28-0	Thallium	3.0	U*	12/18/2024	0204
7440-62-2	Vanadium	17		12/18/2024	0204
7440-66-6	Zinc	120	*	12/18/2024	0204

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHLB4

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHL94

Matrix: SOIL Lab Sample ID: P5064-14

% Solids: 81.8 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	6600		12/18/2024	0207
7440-36-0	Antimony	2.3	J*	12/18/2024	0207
7440-38-2	Arsenic	11		12/18/2024	0207
7440-39-3	Barium	110		12/18/2024	0207
7440-41-7	Beryllium	0.73		12/18/2024	0207
7440-43-9	Cadmium	0.77		12/18/2024	0207
7440-70-2	Calcium	10000		12/18/2024	0207
7440-47-3	Chromium	29		12/18/2024	0207
7440-48-4	Cobalt	11		12/18/2024	0207
7440-50-8	Copper	27		12/18/2024	0207
7439-89-6	Iron	15000		12/18/2024	0207
7439-92-1	Lead	120		12/18/2024	0207
7439-95-4	Magnesium	3700		12/18/2024	0207
7439-96-5	Manganese	730		12/18/2024	0207
7440-02-0	Nickel	17		12/18/2024	0207
7440-09-7	Potassium	390	J	12/18/2024	0207
7782-49-2	Selenium	4.9	*	12/18/2024	0207
7440-22-4	Silver	0.59	J*	12/18/2024	0207
7440-23-5	Sodium	490	U	12/18/2024	0207
7440-28-0	Thallium	2.4	U*	12/18/2024	0207
7440-62-2	Vanadium	16		12/18/2024	0207
7440-66-6	Zinc	92	*	12/18/2024	0207

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHLB5

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHL94
 Matrix: SOIL Lab Sample ID: P5064-15
 % Solids: 83.7 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	6200		12/18/2024	0211
7440-36-0	Antimony	2.3	J*	12/18/2024	0211
7440-38-2	Arsenic	9.7		12/18/2024	0211
7440-39-3	Barium	110		12/18/2024	0211
7440-41-7	Beryllium	0.72		12/18/2024	0211
7440-43-9	Cadmium	0.54		12/18/2024	0211
7440-70-2	Calcium	5200		12/18/2024	0211
7440-47-3	Chromium	14		12/18/2024	0211
7440-48-4	Cobalt	9.2		12/18/2024	0211
7440-50-8	Copper	22		12/18/2024	0211
7439-89-6	Iron	14000		12/18/2024	0211
7439-92-1	Lead	440		12/18/2024	0211
7439-95-4	Magnesium	2200		12/18/2024	0211
7439-96-5	Manganese	640		12/18/2024	0211
7440-02-0	Nickel	14		12/18/2024	0211
7440-09-7	Potassium	430	J	12/18/2024	0211
7782-49-2	Selenium	5.7	*	12/18/2024	0211
7440-22-4	Silver	0.38	J*	12/18/2024	0211
7440-23-5	Sodium	470	U	12/18/2024	0211
7440-28-0	Thallium	2.4	U*	12/18/2024	0211
7440-62-2	Vanadium	16		12/18/2024	0211
7440-66-6	Zinc	76	*	12/18/2024	0211

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHLB6

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHL94

Matrix: SOIL Lab Sample ID: P5064-16

% Solids: 88.8 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	6200		12/18/2024	0215
7440-36-0	Antimony	2.5	J*	12/18/2024	0215
7440-38-2	Arsenic	7.5		12/18/2024	0215
7440-39-3	Barium	94		12/18/2024	0215
7440-41-7	Beryllium	0.69		12/18/2024	0215
7440-43-9	Cadmium	0.40	J	12/18/2024	0215
7440-70-2	Calcium	3600		12/18/2024	0215
7440-47-3	Chromium	9.7		12/18/2024	0215
7440-48-4	Cobalt	9.4		12/18/2024	0215
7440-50-8	Copper	13		12/18/2024	0215
7439-89-6	Iron	15000		12/18/2024	0215
7439-92-1	Lead	45		12/18/2024	0215
7439-95-4	Magnesium	1900		12/18/2024	0215
7439-96-5	Manganese	720		12/18/2024	0215
7440-02-0	Nickel	12		12/18/2024	0215
7440-09-7	Potassium	320	J	12/18/2024	0215
7782-49-2	Selenium	6.1	*	12/18/2024	0215
7440-22-4	Silver	0.45	J*	12/18/2024	0215
7440-23-5	Sodium	430	U	12/18/2024	0215
7440-28-0	Thallium	2.2	U*	12/18/2024	0215
7440-62-2	Vanadium	16		12/18/2024	0215
7440-66-6	Zinc	46	*	12/18/2024	0215

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHLB7

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHL94

Matrix: SOIL Lab Sample ID: P5064-17

% Solids: 92 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	5400		12/18/2024	0219
7440-36-0	Antimony	2.4	J*	12/18/2024	0219
7440-38-2	Arsenic	5.6		12/18/2024	0219
7440-39-3	Barium	67		12/18/2024	0219
7440-41-7	Beryllium	0.59		12/18/2024	0219
7440-43-9	Cadmium	0.25	J	12/18/2024	0219
7440-70-2	Calcium	2400		12/18/2024	0219
7440-47-3	Chromium	8.1		12/18/2024	0219
7440-48-4	Cobalt	7.6		12/18/2024	0219
7440-50-8	Copper	6.6		12/18/2024	0219
7439-89-6	Iron	13000		12/18/2024	0219
7439-92-1	Lead	16		12/18/2024	0219
7439-95-4	Magnesium	1900		12/18/2024	0219
7439-96-5	Manganese	580		12/18/2024	0219
7440-02-0	Nickel	11		12/18/2024	0219
7440-09-7	Potassium	280	J	12/18/2024	0219
7782-49-2	Selenium	5.2	*	12/18/2024	0219
7440-22-4	Silver	0.40	J*	12/18/2024	0219
7440-23-5	Sodium	470	U	12/18/2024	0219
7440-28-0	Thallium	2.3	U*	12/18/2024	0219
7440-62-2	Vanadium	14		12/18/2024	0219
7440-66-6	Zinc	33	*	12/18/2024	0219

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHLB8

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHL94

Matrix: SOIL Lab Sample ID: P5064-18

% Solids: 90.8 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	5500		12/18/2024	0223
7440-36-0	Antimony	2.8	J*	12/18/2024	0223
7440-38-2	Arsenic	8.0		12/18/2024	0223
7440-39-3	Barium	170		12/18/2024	0223
7440-41-7	Beryllium	0.58		12/18/2024	0223
7440-43-9	Cadmium	0.43		12/18/2024	0223
7440-70-2	Calcium	2800		12/18/2024	0223
7440-47-3	Chromium	9.0		12/18/2024	0223
7440-48-4	Cobalt	11		12/18/2024	0223
7440-50-8	Copper	8.1		12/18/2024	0223
7439-89-6	Iron	17000		12/18/2024	0223
7439-92-1	Lead	16		12/18/2024	0223
7439-95-4	Magnesium	2200		12/18/2024	0223
7439-96-5	Manganese	1600		12/18/2024	0223
7440-02-0	Nickel	15		12/18/2024	0223
7440-09-7	Potassium	340	J	12/18/2024	0223
7782-49-2	Selenium	7.3	*	12/18/2024	0223
7440-22-4	Silver	0.60	J*	12/18/2024	0223
7440-23-5	Sodium	430	U	12/18/2024	0223
7440-28-0	Thallium	2.2	U*	12/18/2024	0223
7440-62-2	Vanadium	15		12/18/2024	0223
7440-66-6	Zinc	39	*	12/18/2024	0223

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHLB9

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHL94

Matrix: SOIL Lab Sample ID: P5064-21

% Solids: 70.2 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	0246
7440-36-0	Antimony	2.6	J*	12/18/2024	0246
7440-38-2	Arsenic	11		12/18/2024	0246
7440-39-3	Barium	110		12/18/2024	0246
7440-41-7	Beryllium	0.72		12/18/2024	0246
7440-43-9	Cadmium	0.90		12/18/2024	0246
7440-70-2	Calcium	11000		12/18/2024	0246
7440-47-3	Chromium	43		12/18/2024	0246
7440-48-4	Cobalt	11		12/18/2024	0246
7440-50-8	Copper	37		12/18/2024	0246
7439-89-6	Iron	15000		12/18/2024	0246
7439-92-1	Lead	230		12/18/2024	0246
7439-95-4	Magnesium	4400		12/18/2024	0246
7439-96-5	Manganese	770		12/18/2024	0246
7440-02-0	Nickel	17		12/18/2024	0246
7440-09-7	Potassium	390	J	12/18/2024	0246
7782-49-2	Selenium	5.0	*	12/18/2024	0246
7440-22-4	Silver	1.0	J*	12/18/2024	0246
7440-23-5	Sodium	640	U	12/18/2024	0246
7440-28-0	Thallium	3.2	U*	12/18/2024	0246
7440-62-2	Vanadium	18		12/18/2024	0246
7440-66-6	Zinc	150	*	12/18/2024	0246

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHLC0

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHL94

Matrix: SOIL Lab Sample ID: P5064-22

% 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	0250
7440-36-0	Antimony	1.9	J*	12/18/2024	0250
7440-38-2	Arsenic	9.8		12/18/2024	0250
7440-39-3	Barium	100		12/18/2024	0250
7440-41-7	Beryllium	0.68		12/18/2024	0250
7440-43-9	Cadmium	0.84		12/18/2024	0250
7440-70-2	Calcium	40000		12/18/2024	0250
7440-47-3	Chromium	32		12/18/2024	0250
7440-48-4	Cobalt	12		12/18/2024	0250
7440-50-8	Copper	33		12/18/2024	0250
7439-89-6	Iron	15000		12/18/2024	0250
7439-92-1	Lead	210		12/18/2024	0250
7439-95-4	Magnesium	20000		12/18/2024	0250
7439-96-5	Manganese	850		12/18/2024	0250
7440-02-0	Nickel	18		12/18/2024	0250
7440-09-7	Potassium	520	J	12/18/2024	0250
7782-49-2	Selenium	3.1	J*	12/18/2024	0250
7440-22-4	Silver	0.73	J*	12/18/2024	0250
7440-23-5	Sodium	610	U	12/18/2024	0250
7440-28-0	Thallium	3.0	U*	12/18/2024	0250
7440-62-2	Vanadium	16		12/18/2024	0250
7440-66-6	Zinc	140	*	12/18/2024	0250

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

Comments: