

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHJW4

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJW4

Matrix: SOIL Lab Sample ID: P5014-01

% Solids: 80.1 Date Received: 11/26/2024

Analytical Method: ICP_AES

Concentration Units (µg/L, mg/L, mg/kg dry weight, µg, or µg/cm²): mg/kg

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	5800		12/03/2024	2056
7440-36-0	Antimony	5.5	U	12/03/2024	2056
7440-38-2	Arsenic	7.5	*	12/03/2024	2056
7440-39-3	Barium	140		12/03/2024	2056
7440-41-7	Beryllium	0.50		12/03/2024	2056
7440-43-9	Cadmium	0.42	J	12/03/2024	2056
7440-70-2	Calcium	35000		12/03/2024	2056
7440-47-3	Chromium	10		12/03/2024	2056
7440-48-4	Cobalt	8.3		12/03/2024	2056
7440-50-8	Copper	28		12/03/2024	2056
7439-89-6	Iron	16000		12/03/2024	2056
7439-92-1	Lead	88		12/03/2024	2056
7439-95-4	Magnesium	6700		12/03/2024	2056
7439-96-5	Manganese	820		12/03/2024	2056
7440-02-0	Nickel	16		12/03/2024	2056
7440-09-7	Potassium	740		12/03/2024	2056
7782-49-2	Selenium	3.2	U*	12/03/2024	2056
7440-22-4	Silver	0.91	U	12/03/2024	2056
7440-23-5	Sodium	460	U	12/03/2024	2056
7440-28-0	Thallium	2.3	U	12/03/2024	2056
7440-62-2	Vanadium	15		12/03/2024	2056
7440-66-6	Zinc	95		12/03/2024	2056

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHJW5

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJW4

Matrix: SOIL Lab Sample ID: P5014-02

% Solids: 65.3 Date Received: 11/26/2024

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		12/03/2024	2100
7440-36-0	Antimony	7.0	U	12/03/2024	2100
7440-38-2	Arsenic	8.4	*	12/03/2024	2100
7440-39-3	Barium	130		12/03/2024	2100
7440-41-7	Beryllium	0.54	J	12/03/2024	2100
7440-43-9	Cadmium	0.35	J	12/03/2024	2100
7440-70-2	Calcium	29000		12/03/2024	2100
7440-47-3	Chromium	11		12/03/2024	2100
7440-48-4	Cobalt	7.6		12/03/2024	2100
7440-50-8	Copper	28		12/03/2024	2100
7439-89-6	Iron	17000		12/03/2024	2100
7439-92-1	Lead	82		12/03/2024	2100
7439-95-4	Magnesium	7500		12/03/2024	2100
7439-96-5	Manganese	690		12/03/2024	2100
7440-02-0	Nickel	16		12/03/2024	2100
7440-09-7	Potassium	770		12/03/2024	2100
7782-49-2	Selenium	4.1	U*	12/03/2024	2100
7440-22-4	Silver	1.2	U	12/03/2024	2100
7440-23-5	Sodium	580	U	12/03/2024	2100
7440-28-0	Thallium	2.9	U	12/03/2024	2100
7440-62-2	Vanadium	16		12/03/2024	2100
7440-66-6	Zinc	89		12/03/2024	2100

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHJW6

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJW4

Matrix: SOIL Lab Sample ID: P5014-03

% Solids: 85.4 Date Received: 11/26/2024

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		12/03/2024	2104
7440-36-0	Antimony	0.47	J	12/03/2024	2104
7440-38-2	Arsenic	9.1	*	12/03/2024	2104
7440-39-3	Barium	86		12/03/2024	2104
7440-41-7	Beryllium	0.60		12/03/2024	2104
7440-43-9	Cadmium	0.37	J	12/03/2024	2104
7440-70-2	Calcium	3400		12/03/2024	2104
7440-47-3	Chromium	11		12/03/2024	2104
7440-48-4	Cobalt	6.2		12/03/2024	2104
7440-50-8	Copper	24		12/03/2024	2104
7439-89-6	Iron	15000		12/03/2024	2104
7439-92-1	Lead	94		12/03/2024	2104
7439-95-4	Magnesium	1700		12/03/2024	2104
7439-96-5	Manganese	550		12/03/2024	2104
7440-02-0	Nickel	13		12/03/2024	2104
7440-09-7	Potassium	1100		12/03/2024	2104
7782-49-2	Selenium	3.7	U*	12/03/2024	2104
7440-22-4	Silver	1.1	U	12/03/2024	2104
7440-23-5	Sodium	530	U	12/03/2024	2104
7440-28-0	Thallium	2.7	U	12/03/2024	2104
7440-62-2	Vanadium	17		12/03/2024	2104
7440-66-6	Zinc	64		12/03/2024	2104

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHJW7

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJW4
 Matrix: SOIL Lab Sample ID: P5014-04
 % Solids: 88.4 Date Received: 11/26/2024
 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		12/03/2024	2108
7440-36-0	Antimony	0.62	J	12/03/2024	2108
7440-38-2	Arsenic	9.1	*	12/03/2024	2108
7440-39-3	Barium	82		12/03/2024	2108
7440-41-7	Beryllium	0.57		12/03/2024	2108
7440-43-9	Cadmium	0.34	J	12/03/2024	2108
7440-70-2	Calcium	2400		12/03/2024	2108
7440-47-3	Chromium	11		12/03/2024	2108
7440-48-4	Cobalt	6.3		12/03/2024	2108
7440-50-8	Copper	23		12/03/2024	2108
7439-89-6	Iron	15000		12/03/2024	2108
7439-92-1	Lead	110		12/03/2024	2108
7439-95-4	Magnesium	1400		12/03/2024	2108
7439-96-5	Manganese	480		12/03/2024	2108
7440-02-0	Nickel	13		12/03/2024	2108
7440-09-7	Potassium	760		12/03/2024	2108
7782-49-2	Selenium	2.9	U*	12/03/2024	2108
7440-22-4	Silver	0.84	U	12/03/2024	2108
7440-23-5	Sodium	420	U	12/03/2024	2108
7440-28-0	Thallium	2.1	U	12/03/2024	2108
7440-62-2	Vanadium	16		12/03/2024	2108
7440-66-6	Zinc	56		12/03/2024	2108

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHJW8

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJW4

Matrix: SOIL Lab Sample ID: P5014-05

% Solids: 90.8 Date Received: 11/26/2024

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		12/03/2024	2112
7440-36-0	Antimony	0.52	J	12/03/2024	2112
7440-38-2	Arsenic	8.1	*	12/03/2024	2112
7440-39-3	Barium	84		12/03/2024	2112
7440-41-7	Beryllium	0.57		12/03/2024	2112
7440-43-9	Cadmium	0.31	J	12/03/2024	2112
7440-70-2	Calcium	2000		12/03/2024	2112
7440-47-3	Chromium	9.5		12/03/2024	2112
7440-48-4	Cobalt	6.1		12/03/2024	2112
7440-50-8	Copper	21		12/03/2024	2112
7439-89-6	Iron	14000		12/03/2024	2112
7439-92-1	Lead	120		12/03/2024	2112
7439-95-4	Magnesium	1400		12/03/2024	2112
7439-96-5	Manganese	490		12/03/2024	2112
7440-02-0	Nickel	11		12/03/2024	2112
7440-09-7	Potassium	570		12/03/2024	2112
7782-49-2	Selenium	0.87	J*	12/03/2024	2112
7440-22-4	Silver	1.0	U	12/03/2024	2112
7440-23-5	Sodium	500	U	12/03/2024	2112
7440-28-0	Thallium	2.5	U	12/03/2024	2112
7440-62-2	Vanadium	16		12/03/2024	2112
7440-66-6	Zinc	50		12/03/2024	2112

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MBHJX2

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJW4
 Matrix: SOIL Lab Sample ID: P5014-07
 % Solids: 77.7 Date Received: 11/26/2024
 Analytical Method: ICP_AES
 Concentration Units (µg/L, mg/L, mg/kg dry weight, µg, or µg/cm²): mg/kg

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	5900		12/03/2024	2119
7440-36-0	Antimony	0.86	J	12/03/2024	2119
7440-38-2	Arsenic	7.9	*	12/03/2024	2119
7440-39-3	Barium	130		12/03/2024	2119
7440-41-7	Beryllium	0.58		12/03/2024	2119
7440-43-9	Cadmium	0.60		12/03/2024	2119
7440-70-2	Calcium	14000		12/03/2024	2119
7440-47-3	Chromium	11		12/03/2024	2119
7440-48-4	Cobalt	6.8		12/03/2024	2119
7440-50-8	Copper	43		12/03/2024	2119
7439-89-6	Iron	15000		12/03/2024	2119
7439-92-1	Lead	140		12/03/2024	2119
7439-95-4	Magnesium	5000		12/03/2024	2119
7439-96-5	Manganese	820		12/03/2024	2119
7440-02-0	Nickel	18		12/03/2024	2119
7440-09-7	Potassium	840		12/03/2024	2119
7782-49-2	Selenium	3.3	U*	12/03/2024	2119
7440-22-4	Silver	0.93	U	12/03/2024	2119
7440-23-5	Sodium	470	U	12/03/2024	2119
7440-28-0	Thallium	2.3	U	12/03/2024	2119
7440-62-2	Vanadium	16		12/03/2024	2119
7440-66-6	Zinc	120		12/03/2024	2119

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHJX6

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJW4

Matrix: SOIL Lab Sample ID: P5014-08

% Solids: 81.5 Date Received: 11/26/2024

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		12/03/2024	2123
7440-36-0	Antimony	1.2	J	12/03/2024	2123
7440-38-2	Arsenic	8.9	*	12/03/2024	2123
7440-39-3	Barium	130		12/03/2024	2123
7440-41-7	Beryllium	0.58		12/03/2024	2123
7440-43-9	Cadmium	0.54		12/03/2024	2123
7440-70-2	Calcium	9800		12/03/2024	2123
7440-47-3	Chromium	11		12/03/2024	2123
7440-48-4	Cobalt	6.7		12/03/2024	2123
7440-50-8	Copper	45		12/03/2024	2123
7439-89-6	Iron	15000		12/03/2024	2123
7439-92-1	Lead	140		12/03/2024	2123
7439-95-4	Magnesium	4000		12/03/2024	2123
7439-96-5	Manganese	810		12/03/2024	2123
7440-02-0	Nickel	17		12/03/2024	2123
7440-09-7	Potassium	610		12/03/2024	2123
7782-49-2	Selenium	3.7	U*	12/03/2024	2123
7440-22-4	Silver	1.1	U	12/03/2024	2123
7440-23-5	Sodium	520	U	12/03/2024	2123
7440-28-0	Thallium	2.6	U	12/03/2024	2123
7440-62-2	Vanadium	15		12/03/2024	2123
7440-66-6	Zinc	110		12/03/2024	2123

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHJX7

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJW4

Matrix: SOIL Lab Sample ID: P5014-09

% Solids: 82.9 Date Received: 11/26/2024

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		12/03/2024	2127
7440-36-0	Antimony	1.1	J	12/03/2024	2127
7440-38-2	Arsenic	8.2	*	12/03/2024	2127
7440-39-3	Barium	140		12/03/2024	2127
7440-41-7	Beryllium	0.57		12/03/2024	2127
7440-43-9	Cadmium	0.54		12/03/2024	2127
7440-70-2	Calcium	7800		12/03/2024	2127
7440-47-3	Chromium	10		12/03/2024	2127
7440-48-4	Cobalt	7.1		12/03/2024	2127
7440-50-8	Copper	41		12/03/2024	2127
7439-89-6	Iron	18000		12/03/2024	2127
7439-92-1	Lead	110		12/03/2024	2127
7439-95-4	Magnesium	3500		12/03/2024	2127
7439-96-5	Manganese	930		12/03/2024	2127
7440-02-0	Nickel	16		12/03/2024	2127
7440-09-7	Potassium	570		12/03/2024	2127
7782-49-2	Selenium	3.5	U*	12/03/2024	2127
7440-22-4	Silver	0.99	U	12/03/2024	2127
7440-23-5	Sodium	490	U	12/03/2024	2127
7440-28-0	Thallium	2.5	U	12/03/2024	2127
7440-62-2	Vanadium	17		12/03/2024	2127
7440-66-6	Zinc	100		12/03/2024	2127

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHJX8

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJW4

Matrix: SOIL Lab Sample ID: P5014-10

% Solids: 83.2 Date Received: 11/26/2024

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		12/03/2024	2131
7440-36-0	Antimony	0.51	J	12/03/2024	2131
7440-38-2	Arsenic	7.3	*	12/03/2024	2131
7440-39-3	Barium	130		12/03/2024	2131
7440-41-7	Beryllium	0.51		12/03/2024	2131
7440-43-9	Cadmium	0.40	J	12/03/2024	2131
7440-70-2	Calcium	7600		12/03/2024	2131
7440-47-3	Chromium	8.7		12/03/2024	2131
7440-48-4	Cobalt	8.0		12/03/2024	2131
7440-50-8	Copper	25		12/03/2024	2131
7439-89-6	Iron	16000		12/03/2024	2131
7439-92-1	Lead	41		12/03/2024	2131
7439-95-4	Magnesium	3000		12/03/2024	2131
7439-96-5	Manganese	1500		12/03/2024	2131
7440-02-0	Nickel	14		12/03/2024	2131
7440-09-7	Potassium	500		12/03/2024	2131
7782-49-2	Selenium	3.3	U*	12/03/2024	2131
7440-22-4	Silver	0.94	U	12/03/2024	2131
7440-23-5	Sodium	470	U	12/03/2024	2131
7440-28-0	Thallium	2.4	U	12/03/2024	2131
7440-62-2	Vanadium	16		12/03/2024	2131
7440-66-6	Zinc	58		12/03/2024	2131

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHJX9

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJW4

Matrix: SOIL Lab Sample ID: P5014-11

% Solids: 87 Date Received: 11/26/2024

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		12/03/2024	2135
7440-36-0	Antimony	0.46	J	12/03/2024	2135
7440-38-2	Arsenic	6.9	*	12/03/2024	2135
7440-39-3	Barium	60		12/03/2024	2135
7440-41-7	Beryllium	0.37	J	12/03/2024	2135
7440-43-9	Cadmium	0.28	J	12/03/2024	2135
7440-70-2	Calcium	44000		12/03/2024	2135
7440-47-3	Chromium	6.7		12/03/2024	2135
7440-48-4	Cobalt	7.1		12/03/2024	2135
7440-50-8	Copper	19		12/03/2024	2135
7439-89-6	Iron	14000		12/03/2024	2135
7439-92-1	Lead	22		12/03/2024	2135
7439-95-4	Magnesium	11000		12/03/2024	2135
7439-96-5	Manganese	1200		12/03/2024	2135
7440-02-0	Nickel	14		12/03/2024	2135
7440-09-7	Potassium	640		12/03/2024	2135
7782-49-2	Selenium	3.3	U*	12/03/2024	2135
7440-22-4	Silver	0.95	U	12/03/2024	2135
7440-23-5	Sodium	480	U	12/03/2024	2135
7440-28-0	Thallium	2.4	U	12/03/2024	2135
7440-62-2	Vanadium	13		12/03/2024	2135
7440-66-6	Zinc	42		12/03/2024	2135

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHJY0

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJW4

Matrix: SOIL Lab Sample ID: P5014-12

% Solids: 71.6 Date Received: 11/26/2024

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		12/03/2024	2139
7440-36-0	Antimony	0.79	J	12/03/2024	2139
7440-38-2	Arsenic	8.6	*	12/03/2024	2139
7440-39-3	Barium	140		12/03/2024	2139
7440-41-7	Beryllium	0.80		12/03/2024	2139
7440-43-9	Cadmium	0.70		12/03/2024	2139
7440-70-2	Calcium	10000		12/03/2024	2139
7440-47-3	Chromium	16		12/03/2024	2139
7440-48-4	Cobalt	9.0		12/03/2024	2139
7440-50-8	Copper	43		12/03/2024	2139
7439-89-6	Iron	16000		12/03/2024	2139
7439-92-1	Lead	240		12/03/2024	2139
7439-95-4	Magnesium	3500		12/03/2024	2139
7439-96-5	Manganese	620		12/03/2024	2139
7440-02-0	Nickel	23		12/03/2024	2139
7440-09-7	Potassium	990		12/03/2024	2139
7782-49-2	Selenium	3.9	U*	12/03/2024	2139
7440-22-4	Silver	1.1	U	12/03/2024	2139
7440-23-5	Sodium	560	U	12/03/2024	2139
7440-28-0	Thallium	2.8	U	12/03/2024	2139
7440-62-2	Vanadium	23		12/03/2024	2139
7440-66-6	Zinc	220		12/03/2024	2139

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHJY1

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJW4

Matrix: SOIL Lab Sample ID: P5014-15

% Solids: 75.6 Date Received: 11/26/2024

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		12/03/2024	2202
7440-36-0	Antimony	0.57	J	12/03/2024	2202
7440-38-2	Arsenic	8.1	*	12/03/2024	2202
7440-39-3	Barium	160		12/03/2024	2202
7440-41-7	Beryllium	0.71		12/03/2024	2202
7440-43-9	Cadmium	0.65		12/03/2024	2202
7440-70-2	Calcium	26000		12/03/2024	2202
7440-47-3	Chromium	13		12/03/2024	2202
7440-48-4	Cobalt	7.7		12/03/2024	2202
7440-50-8	Copper	44		12/03/2024	2202
7439-89-6	Iron	13000		12/03/2024	2202
7439-92-1	Lead	200		12/03/2024	2202
7439-95-4	Magnesium	3500		12/03/2024	2202
7439-96-5	Manganese	560		12/03/2024	2202
7440-02-0	Nickel	18		12/03/2024	2202
7440-09-7	Potassium	730		12/03/2024	2202
7782-49-2	Selenium	3.9	U*	12/03/2024	2202
7440-22-4	Silver	1.1	U	12/03/2024	2202
7440-23-5	Sodium	230	J	12/03/2024	2202
7440-28-0	Thallium	2.8	U	12/03/2024	2202
7440-62-2	Vanadium	21		12/03/2024	2202
7440-66-6	Zinc	200		12/03/2024	2202

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHJY2

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJW4

Matrix: SOIL Lab Sample ID: P5014-16

% Solids: 81.5 Date Received: 11/26/2024

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	7400		12/03/2024	2206
7440-36-0	Antimony	0.69	J	12/03/2024	2206
7440-38-2	Arsenic	7.8	*	12/03/2024	2206
7440-39-3	Barium	140		12/03/2024	2206
7440-41-7	Beryllium	0.67		12/03/2024	2206
7440-43-9	Cadmium	0.59		12/03/2024	2206
7440-70-2	Calcium	20000		12/03/2024	2206
7440-47-3	Chromium	12		12/03/2024	2206
7440-48-4	Cobalt	8.4		12/03/2024	2206
7440-50-8	Copper	120		12/03/2024	2206
7439-89-6	Iron	16000		12/03/2024	2206
7439-92-1	Lead	170		12/03/2024	2206
7439-95-4	Magnesium	4800		12/03/2024	2206
7439-96-5	Manganese	740		12/03/2024	2206
7440-02-0	Nickel	18		12/03/2024	2206
7440-09-7	Potassium	690		12/03/2024	2206
7782-49-2	Selenium	4.0	U*	12/03/2024	2206
7440-22-4	Silver	1.1	U	12/03/2024	2206
7440-23-5	Sodium	570	U	12/03/2024	2206
7440-28-0	Thallium	2.8	U	12/03/2024	2206
7440-62-2	Vanadium	21		12/03/2024	2206
7440-66-6	Zinc	170		12/03/2024	2206

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHJY3

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJW4

Matrix: SOIL Lab Sample ID: P5014-17

% Solids: 85.1 Date Received: 11/26/2024

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		12/03/2024	2210
7440-36-0	Antimony	0.61	J	12/03/2024	2210
7440-38-2	Arsenic	6.5	*	12/03/2024	2210
7440-39-3	Barium	100		12/03/2024	2210
7440-41-7	Beryllium	0.62		12/03/2024	2210
7440-43-9	Cadmium	0.45	J	12/03/2024	2210
7440-70-2	Calcium	13000		12/03/2024	2210
7440-47-3	Chromium	12		12/03/2024	2210
7440-48-4	Cobalt	7.7		12/03/2024	2210
7440-50-8	Copper	29		12/03/2024	2210
7439-89-6	Iron	15000		12/03/2024	2210
7439-92-1	Lead	94		12/03/2024	2210
7439-95-4	Magnesium	4100		12/03/2024	2210
7439-96-5	Manganese	610		12/03/2024	2210
7440-02-0	Nickel	16		12/03/2024	2210
7440-09-7	Potassium	720		12/03/2024	2210
7782-49-2	Selenium	3.3	U*	12/03/2024	2210
7440-22-4	Silver	0.95	U	12/03/2024	2210
7440-23-5	Sodium	470	U	12/03/2024	2210
7440-28-0	Thallium	2.4	U	12/03/2024	2210
7440-62-2	Vanadium	18		12/03/2024	2210
7440-66-6	Zinc	100		12/03/2024	2210

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHJY4

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJW4
 Matrix: SOIL Lab Sample ID: P5014-18
 % Solids: 90.3 Date Received: 11/26/2024
 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		12/03/2024	2214
7440-36-0	Antimony	0.42	J	12/03/2024	2214
7440-38-2	Arsenic	5.3	*	12/03/2024	2214
7440-39-3	Barium	57		12/03/2024	2214
7440-41-7	Beryllium	0.48		12/03/2024	2214
7440-43-9	Cadmium	0.26	J	12/03/2024	2214
7440-70-2	Calcium	20000		12/03/2024	2214
7440-47-3	Chromium	9.2		12/03/2024	2214
7440-48-4	Cobalt	6.3		12/03/2024	2214
7440-50-8	Copper	19		12/03/2024	2214
7439-89-6	Iron	14000		12/03/2024	2214
7439-92-1	Lead	34		12/03/2024	2214
7439-95-4	Magnesium	5300		12/03/2024	2214
7439-96-5	Manganese	460		12/03/2024	2214
7440-02-0	Nickel	14		12/03/2024	2214
7440-09-7	Potassium	640		12/03/2024	2214
7782-49-2	Selenium	3.1	U*	12/03/2024	2214
7440-22-4	Silver	0.87	U	12/03/2024	2214
7440-23-5	Sodium	440	U	12/03/2024	2214
7440-28-0	Thallium	2.2	U	12/03/2024	2214
7440-62-2	Vanadium	15		12/03/2024	2214
7440-66-6	Zinc	53		12/03/2024	2214

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHJY5

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJW4

Matrix: SOIL Lab Sample ID: P5014-19

% Solids: 92.5 Date Received: 11/26/2024

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		12/03/2024	2218
7440-36-0	Antimony	0.63	J	12/03/2024	2218
7440-38-2	Arsenic	3.9	*	12/03/2024	2218
7440-39-3	Barium	39		12/03/2024	2218
7440-41-7	Beryllium	0.36	J	12/03/2024	2218
7440-43-9	Cadmium	0.18	J	12/03/2024	2218
7440-70-2	Calcium	64000		12/03/2024	2218
7440-47-3	Chromium	6.6		12/03/2024	2218
7440-48-4	Cobalt	4.2	J	12/03/2024	2218
7440-50-8	Copper	15		12/03/2024	2218
7439-89-6	Iron	11000		12/03/2024	2218
7439-92-1	Lead	25		12/03/2024	2218
7439-95-4	Magnesium	23000		12/03/2024	2218
7439-96-5	Manganese	490		12/03/2024	2218
7440-02-0	Nickel	9.5		12/03/2024	2218
7440-09-7	Potassium	650		12/03/2024	2218
7782-49-2	Selenium	3.3	U*	12/03/2024	2218
7440-22-4	Silver	0.95	U	12/03/2024	2218
7440-23-5	Sodium	92	J	12/03/2024	2218
7440-28-0	Thallium	2.4	U	12/03/2024	2218
7440-62-2	Vanadium	11		12/03/2024	2218
7440-66-6	Zinc	40		12/03/2024	2218

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHJY6

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJW4

Matrix: SOIL Lab Sample ID: P5014-20

% Solids: 92.4 Date Received: 11/26/2024

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		12/03/2024	2222
7440-36-0	Antimony	0.43	J	12/03/2024	2222
7440-38-2	Arsenic	2.7	*	12/03/2024	2222
7440-39-3	Barium	49		12/03/2024	2222
7440-41-7	Beryllium	0.39	J	12/03/2024	2222
7440-43-9	Cadmium	0.20	J	12/03/2024	2222
7440-70-2	Calcium	38000		12/03/2024	2222
7440-47-3	Chromium	8.6		12/03/2024	2222
7440-48-4	Cobalt	6.4		12/03/2024	2222
7440-50-8	Copper	15		12/03/2024	2222
7439-89-6	Iron	13000		12/03/2024	2222
7439-92-1	Lead	17		12/03/2024	2222
7439-95-4	Magnesium	5400		12/03/2024	2222
7439-96-5	Manganese	510		12/03/2024	2222
7440-02-0	Nickel	14		12/03/2024	2222
7440-09-7	Potassium	640		12/03/2024	2222
7782-49-2	Selenium	3.2	U*	12/03/2024	2222
7440-22-4	Silver	0.92	U	12/03/2024	2222
7440-23-5	Sodium	460	U	12/03/2024	2222
7440-28-0	Thallium	2.3	U	12/03/2024	2222
7440-62-2	Vanadium	13		12/03/2024	2222
7440-66-6	Zinc	32		12/03/2024	2222

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHK01

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJW4

Matrix: SOIL Lab Sample ID: P5014-21

% Solids: 82.2 Date Received: 11/26/2024

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		12/03/2024	2226
7440-36-0	Antimony	0.45	J	12/03/2024	2226
7440-38-2	Arsenic	9.1	*	12/03/2024	2226
7440-39-3	Barium	75		12/03/2024	2226
7440-41-7	Beryllium	0.46	J	12/03/2024	2226
7440-43-9	Cadmium	0.35	J	12/03/2024	2226
7440-70-2	Calcium	52000		12/03/2024	2226
7440-47-3	Chromium	7.3		12/03/2024	2226
7440-48-4	Cobalt	8.7		12/03/2024	2226
7440-50-8	Copper	23		12/03/2024	2226
7439-89-6	Iron	14000		12/03/2024	2226
7439-92-1	Lead	32		12/03/2024	2226
7439-95-4	Magnesium	9800		12/03/2024	2226
7439-96-5	Manganese	1300		12/03/2024	2226
7440-02-0	Nickel	16		12/03/2024	2226
7440-09-7	Potassium	810		12/03/2024	2226
7782-49-2	Selenium	3.6	U*	12/03/2024	2226
7440-22-4	Silver	1.0	U	12/03/2024	2226
7440-23-5	Sodium	520	U	12/03/2024	2226
7440-28-0	Thallium	2.6	U	12/03/2024	2226
7440-62-2	Vanadium	13		12/03/2024	2226
7440-66-6	Zinc	44		12/03/2024	2226

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MBHK02

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJW4
 Matrix: SOIL Lab Sample ID: P5014-22
 % Solids: 86.1 Date Received: 11/26/2024
 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		12/03/2024	2230
7440-36-0	Antimony	6.2	U	12/03/2024	2230
7440-38-2	Arsenic	6.2	*	12/03/2024	2230
7440-39-3	Barium	96		12/03/2024	2230
7440-41-7	Beryllium	0.45	J	12/03/2024	2230
7440-43-9	Cadmium	0.40	J	12/03/2024	2230
7440-70-2	Calcium	52000		12/03/2024	2230
7440-47-3	Chromium	9.2		12/03/2024	2230
7440-48-4	Cobalt	8.4		12/03/2024	2230
7440-50-8	Copper	24		12/03/2024	2230
7439-89-6	Iron	16000		12/03/2024	2230
7439-92-1	Lead	25		12/03/2024	2230
7439-95-4	Magnesium	6700		12/03/2024	2230
7439-96-5	Manganese	1700		12/03/2024	2230
7440-02-0	Nickel	18		12/03/2024	2230
7440-09-7	Potassium	920		12/03/2024	2230
7782-49-2	Selenium	3.6	U*	12/03/2024	2230
7440-22-4	Silver	1.0	U	12/03/2024	2230
7440-23-5	Sodium	520	U	12/03/2024	2230
7440-28-0	Thallium	2.6	U	12/03/2024	2230
7440-62-2	Vanadium	14		12/03/2024	2230
7440-66-6	Zinc	40		12/03/2024	2230

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHK11

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJW4

Matrix: SOIL Lab Sample ID: P5014-06

% Solids: 93.5 Date Received: 11/26/2024

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		12/03/2024	2116
7440-36-0	Antimony	0.82	J	12/03/2024	2116
7440-38-2	Arsenic	7.0	*	12/03/2024	2116
7440-39-3	Barium	120		12/03/2024	2116
7440-41-7	Beryllium	0.52		12/03/2024	2116
7440-43-9	Cadmium	0.46	J	12/03/2024	2116
7440-70-2	Calcium	7100		12/03/2024	2116
7440-47-3	Chromium	9.2		12/03/2024	2116
7440-48-4	Cobalt	7.5		12/03/2024	2116
7440-50-8	Copper	36		12/03/2024	2116
7439-89-6	Iron	16000		12/03/2024	2116
7439-92-1	Lead	130		12/03/2024	2116
7439-95-4	Magnesium	1700		12/03/2024	2116
7439-96-5	Manganese	670		12/03/2024	2116
7440-02-0	Nickel	15		12/03/2024	2116
7440-09-7	Potassium	1800		12/03/2024	2116
7782-49-2	Selenium	3.3	U*	12/03/2024	2116
7440-22-4	Silver	0.96	U	12/03/2024	2116
7440-23-5	Sodium	480	U	12/03/2024	2116
7440-28-0	Thallium	2.4	U	12/03/2024	2116
7440-62-2	Vanadium	14		12/03/2024	2116
7440-66-6	Zinc	91		12/03/2024	2116

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

Comments: