

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHKZ3

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHKZ3
 Matrix: SOIL Lab Sample ID: P5061-19
 % Solids: 70.1 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	7600		12/18/2024	2229
7440-36-0	Antimony	2.9	J	12/18/2024	2229
7440-38-2	Arsenic	18		12/18/2024	2229
7440-39-3	Barium	170		12/18/2024	2229
7440-41-7	Beryllium	0.80		12/18/2024	2229
7440-43-9	Cadmium	1.1		12/18/2024	2229
7440-70-2	Calcium	12000		12/18/2024	2229
7440-47-3	Chromium	14	*	12/18/2024	2229
7440-48-4	Cobalt	15	*	12/18/2024	2229
7440-50-8	Copper	24		12/18/2024	2229
7439-89-6	Iron	19000		12/18/2024	2229
7439-92-1	Lead	88		12/18/2024	2229
7439-95-4	Magnesium	3100	*	12/18/2024	2229
7439-96-5	Manganese	2300	*	12/18/2024	2229
7440-02-0	Nickel	27		12/18/2024	2229
7440-09-7	Potassium	910		12/18/2024	2229
7782-49-2	Selenium	9.9	*	12/18/2024	2229
7440-22-4	Silver	1.2	*	12/18/2024	2229
7440-23-5	Sodium	210	J	12/18/2024	2229
7440-28-0	Thallium	2.8	U*	12/18/2024	2229
7440-62-2	Vanadium	20		12/18/2024	2229
7440-66-6	Zinc	85	*	12/18/2024	2229

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

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FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHKZ4

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHKZ3

Matrix: SOIL Lab Sample ID: P5061-20

% Solids: 78.8 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	4900		12/18/2024	2233
7440-36-0	Antimony	0.98	J	12/18/2024	2233
7440-38-2	Arsenic	7.6		12/18/2024	2233
7440-39-3	Barium	64		12/18/2024	2233
7440-41-7	Beryllium	0.57		12/18/2024	2233
7440-43-9	Cadmium	0.41	J	12/18/2024	2233
7440-70-2	Calcium	68000		12/18/2024	2233
7440-47-3	Chromium	7.7	*	12/18/2024	2233
7440-48-4	Cobalt	12	*	12/18/2024	2233
7440-50-8	Copper	24		12/18/2024	2233
7439-89-6	Iron	14000		12/18/2024	2233
7439-92-1	Lead	29		12/18/2024	2233
7439-95-4	Magnesium	14000	*	12/18/2024	2233
7439-96-5	Manganese	900	*	12/18/2024	2233
7440-02-0	Nickel	15		12/18/2024	2233
7440-09-7	Potassium	390	J	12/18/2024	2233
7782-49-2	Selenium	4.1	*	12/18/2024	2233
7440-22-4	Silver	0.56	J*	12/18/2024	2233
7440-23-5	Sodium	190	J	12/18/2024	2233
7440-28-0	Thallium	2.3	U*	12/18/2024	2233
7440-62-2	Vanadium	12		12/18/2024	2233
7440-66-6	Zinc	56	*	12/18/2024	2233

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MBHKZ5

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHKZ3
 Matrix: SOIL Lab Sample ID: P5061-21
 % Solids: 82 Date Received: 12/03/2024
 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	8100		12/18/2024	2236
7440-36-0	Antimony	3.3	J	12/18/2024	2236
7440-38-2	Arsenic	15		12/18/2024	2236
7440-39-3	Barium	170		12/18/2024	2236
7440-41-7	Beryllium	0.84		12/18/2024	2236
7440-43-9	Cadmium	1.1		12/18/2024	2236
7440-70-2	Calcium	14000		12/18/2024	2236
7440-47-3	Chromium	13	*	12/18/2024	2236
7440-48-4	Cobalt	16	*	12/18/2024	2236
7440-50-8	Copper	21		12/18/2024	2236
7439-89-6	Iron	21000		12/18/2024	2236
7439-92-1	Lead	63		12/18/2024	2236
7439-95-4	Magnesium	4100	*	12/18/2024	2236
7439-96-5	Manganese	2500	*	12/18/2024	2236
7440-02-0	Nickel	24		12/18/2024	2236
7440-09-7	Potassium	540		12/18/2024	2236
7782-49-2	Selenium	10	*	12/18/2024	2236
7440-22-4	Silver	1.1	*	12/18/2024	2236
7440-23-5	Sodium	160	J	12/18/2024	2236
7440-28-0	Thallium	2.6	U*	12/18/2024	2236
7440-62-2	Vanadium	20		12/18/2024	2236
7440-66-6	Zinc	70	*	12/18/2024	2236

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHKZ6

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHKZ3

Matrix: SOIL Lab Sample ID: P5061-22

% 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	4900		12/18/2024	2240
7440-36-0	Antimony	1.3	J	12/18/2024	2240
7440-38-2	Arsenic	5.9		12/18/2024	2240
7440-39-3	Barium	65		12/18/2024	2240
7440-41-7	Beryllium	0.56		12/18/2024	2240
7440-43-9	Cadmium	0.52		12/18/2024	2240
7440-70-2	Calcium	110000	D	01/03/2025	2353
7440-47-3	Chromium	8.4	*	12/18/2024	2240
7440-48-4	Cobalt	12	*	12/18/2024	2240
7440-50-8	Copper	12		12/18/2024	2240
7439-89-6	Iron	14000		12/18/2024	2240
7439-92-1	Lead	23		12/18/2024	2240
7439-95-4	Magnesium	9900	*	12/18/2024	2240
7439-96-5	Manganese	1100	*	12/18/2024	2240
7440-02-0	Nickel	15		12/18/2024	2240
7440-09-7	Potassium	610		12/18/2024	2240
7782-49-2	Selenium	3.7	*	12/18/2024	2240
7440-22-4	Silver	0.46	J*	12/18/2024	2240
7440-23-5	Sodium	150	J	12/18/2024	2240
7440-28-0	Thallium	2.5	U*	12/18/2024	2240
7440-62-2	Vanadium	15		12/18/2024	2240
7440-66-6	Zinc	44	*	12/18/2024	2240

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHL48

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHKZ3

Matrix: SOIL Lab Sample ID: P5061-01

% 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	5800		12/18/2024	2108
7440-36-0	Antimony	1.7	J	12/18/2024	2108
7440-38-2	Arsenic	5.6		12/18/2024	2108
7440-39-3	Barium	60		12/18/2024	2108
7440-41-7	Beryllium	0.58		12/18/2024	2108
7440-43-9	Cadmium	0.26	J	12/18/2024	2108
7440-70-2	Calcium	61000		12/18/2024	2108
7440-47-3	Chromium	8.5	*	12/18/2024	2108
7440-48-4	Cobalt	12	*	12/18/2024	2108
7440-50-8	Copper	11		12/18/2024	2108
7439-89-6	Iron	15000		12/18/2024	2108
7439-92-1	Lead	17		12/18/2024	2108
7439-95-4	Magnesium	10000	*	12/18/2024	2108
7439-96-5	Manganese	490	*	12/18/2024	2108
7440-02-0	Nickel	16		12/18/2024	2108
7440-09-7	Potassium	410	J	12/18/2024	2108
7782-49-2	Selenium	4.4	*	12/18/2024	2108
7440-22-4	Silver	0.37	J*	12/18/2024	2108
7440-23-5	Sodium	160	J	12/18/2024	2108
7440-28-0	Thallium	2.2	U*	12/18/2024	2108
7440-62-2	Vanadium	13		12/18/2024	2108
7440-66-6	Zinc	33	*	12/18/2024	2108

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHL49

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHKZ3

Matrix: SOIL Lab Sample ID: P5061-02

% 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	7100		12/18/2024	2112
7440-36-0	Antimony	3.8	J	12/18/2024	2112
7440-38-2	Arsenic	17		12/18/2024	2112
7440-39-3	Barium	110		12/18/2024	2112
7440-41-7	Beryllium	0.94		12/18/2024	2112
7440-43-9	Cadmium	0.74		12/18/2024	2112
7440-70-2	Calcium	4400		12/18/2024	2112
7440-47-3	Chromium	16	*	12/18/2024	2112
7440-48-4	Cobalt	12	*	12/18/2024	2112
7440-50-8	Copper	25		12/18/2024	2112
7439-89-6	Iron	20000		12/18/2024	2112
7439-92-1	Lead	93		12/18/2024	2112
7439-95-4	Magnesium	2200	*	12/18/2024	2112
7439-96-5	Manganese	1000	*	12/18/2024	2112
7440-02-0	Nickel	19		12/18/2024	2112
7440-09-7	Potassium	760		12/18/2024	2112
7782-49-2	Selenium	9.6	*	12/18/2024	2112
7440-22-4	Silver	0.76	J*	12/18/2024	2112
7440-23-5	Sodium	200	J	12/18/2024	2112
7440-28-0	Thallium	2.8	U*	12/18/2024	2112
7440-62-2	Vanadium	21		12/18/2024	2112
7440-66-6	Zinc	74	*	12/18/2024	2112

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHL50

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHKZ3

Matrix: SOIL Lab Sample ID: P5061-03

% Solids: 77.7 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	2116
7440-36-0	Antimony	3.4	J	12/18/2024	2116
7440-38-2	Arsenic	15		12/18/2024	2116
7440-39-3	Barium	100		12/18/2024	2116
7440-41-7	Beryllium	0.88		12/18/2024	2116
7440-43-9	Cadmium	0.68		12/18/2024	2116
7440-70-2	Calcium	4100		12/18/2024	2116
7440-47-3	Chromium	16	*	12/18/2024	2116
7440-48-4	Cobalt	12	*	12/18/2024	2116
7440-50-8	Copper	21		12/18/2024	2116
7439-89-6	Iron	19000		12/18/2024	2116
7439-92-1	Lead	91		12/18/2024	2116
7439-95-4	Magnesium	2200	*	12/18/2024	2116
7439-96-5	Manganese	980	*	12/18/2024	2116
7440-02-0	Nickel	18		12/18/2024	2116
7440-09-7	Potassium	730		12/18/2024	2116
7782-49-2	Selenium	9.5	*	12/18/2024	2116
7440-22-4	Silver	0.75	J*	12/18/2024	2116
7440-23-5	Sodium	140	J	12/18/2024	2116
7440-28-0	Thallium	2.4	U*	12/18/2024	2116
7440-62-2	Vanadium	20		12/18/2024	2116
7440-66-6	Zinc	58	*	12/18/2024	2116

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHL51

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHKZ3

Matrix: SOIL Lab Sample ID: P5061-04

% 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	6000		12/18/2024	2120
7440-36-0	Antimony	2.1	J	12/18/2024	2120
7440-38-2	Arsenic	10		12/18/2024	2120
7440-39-3	Barium	87		12/18/2024	2120
7440-41-7	Beryllium	0.77		12/18/2024	2120
7440-43-9	Cadmium	0.44	J	12/18/2024	2120
7440-70-2	Calcium	26000		12/18/2024	2120
7440-47-3	Chromium	10	*	12/18/2024	2120
7440-48-4	Cobalt	12	*	12/18/2024	2120
7440-50-8	Copper	18		12/18/2024	2120
7439-89-6	Iron	17000		12/18/2024	2120
7439-92-1	Lead	40		12/18/2024	2120
7439-95-4	Magnesium	5400	*	12/18/2024	2120
7439-96-5	Manganese	850	*	12/18/2024	2120
7440-02-0	Nickel	14		12/18/2024	2120
7440-09-7	Potassium	700		12/18/2024	2120
7782-49-2	Selenium	6.3	*	12/18/2024	2120
7440-22-4	Silver	0.61	J*	12/18/2024	2120
7440-23-5	Sodium	110	J	12/18/2024	2120
7440-28-0	Thallium	2.8	U*	12/18/2024	2120
7440-62-2	Vanadium	17		12/18/2024	2120
7440-66-6	Zinc	47	*	12/18/2024	2120

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

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FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHL52

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHKZ3

Matrix: SOIL Lab Sample ID: P5061-05

% Solids: 85.3 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	5000		12/18/2024	2124
7440-36-0	Antimony	1.3	J	12/18/2024	2124
7440-38-2	Arsenic	8.7		12/18/2024	2124
7440-39-3	Barium	78		12/18/2024	2124
7440-41-7	Beryllium	0.71		12/18/2024	2124
7440-43-9	Cadmium	0.33	J	12/18/2024	2124
7440-70-2	Calcium	100000	D	01/03/2025	2318
7440-47-3	Chromium	8.0	*	12/18/2024	2124
7440-48-4	Cobalt	13	*	12/18/2024	2124
7440-50-8	Copper	18		12/18/2024	2124
7439-89-6	Iron	15000		12/18/2024	2124
7439-92-1	Lead	28		12/18/2024	2124
7439-95-4	Magnesium	7600	*	12/18/2024	2124
7439-96-5	Manganese	580	*	12/18/2024	2124
7440-02-0	Nickel	13		12/18/2024	2124
7440-09-7	Potassium	790		12/18/2024	2124
7782-49-2	Selenium	4.2	*	12/18/2024	2124
7440-22-4	Silver	0.68	J*	12/18/2024	2124
7440-23-5	Sodium	110	J	12/18/2024	2124
7440-28-0	Thallium	2.6	U*	12/18/2024	2124
7440-62-2	Vanadium	13		12/18/2024	2124
7440-66-6	Zinc	32	*	12/18/2024	2124

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHL53

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHKZ3

Matrix: SOIL Lab Sample ID: P5061-08

% 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	5700		12/18/2024	2139
7440-36-0	Antimony	1.2	J	12/18/2024	2139
7440-38-2	Arsenic	7.1		12/18/2024	2139
7440-39-3	Barium	66		12/18/2024	2139
7440-41-7	Beryllium	0.70		12/18/2024	2139
7440-43-9	Cadmium	0.31	J	12/18/2024	2139
7440-70-2	Calcium	84000	D	01/03/2025	2334
7440-47-3	Chromium	9.0	*	12/18/2024	2139
7440-48-4	Cobalt	12	*	12/18/2024	2139
7440-50-8	Copper	16		12/18/2024	2139
7439-89-6	Iron	15000		12/18/2024	2139
7439-92-1	Lead	26		12/18/2024	2139
7439-95-4	Magnesium	6900	*	12/18/2024	2139
7439-96-5	Manganese	540	*	12/18/2024	2139
7440-02-0	Nickel	13		12/18/2024	2139
7440-09-7	Potassium	850		12/18/2024	2139
7782-49-2	Selenium	4.2	*	12/18/2024	2139
7440-22-4	Silver	0.48	J*	12/18/2024	2139
7440-23-5	Sodium	160	J	12/18/2024	2139
7440-28-0	Thallium	2.3	U*	12/18/2024	2139
7440-62-2	Vanadium	14		12/18/2024	2139
7440-66-6	Zinc	37	*	12/18/2024	2139

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHL54

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHKZ3

Matrix: SOIL Lab Sample ID: P5061-09

% Solids: 88.3 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	3900		12/18/2024	2143
7440-36-0	Antimony	5.4	U	12/18/2024	2143
7440-38-2	Arsenic	3.5		12/18/2024	2143
7440-39-3	Barium	49		12/18/2024	2143
7440-41-7	Beryllium	0.44	J	12/18/2024	2143
7440-43-9	Cadmium	0.20	J	12/18/2024	2143
7440-70-2	Calcium	110000	D	01/03/2025	2345
7440-47-3	Chromium	6.1	*	12/18/2024	2143
7440-48-4	Cobalt	9.4	*	12/18/2024	2143
7440-50-8	Copper	13		12/18/2024	2143
7439-89-6	Iron	9200		12/18/2024	2143
7439-92-1	Lead	19		12/18/2024	2143
7439-95-4	Magnesium	31000	*	12/18/2024	2143
7439-96-5	Manganese	510	*	12/18/2024	2143
7440-02-0	Nickel	8.8		12/18/2024	2143
7440-09-7	Potassium	510		12/18/2024	2143
7782-49-2	Selenium	0.82	J*	12/18/2024	2143
7440-22-4	Silver	0.34	J*	12/18/2024	2143
7440-23-5	Sodium	220	J	12/18/2024	2143
7440-28-0	Thallium	2.3	U*	12/18/2024	2143
7440-62-2	Vanadium	9.5		12/18/2024	2143
7440-66-6	Zinc	32	*	12/18/2024	2143

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHL55

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHKZ3

Matrix: SOIL Lab Sample ID: P5061-10

% 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	7600		12/18/2024	2147
7440-36-0	Antimony	3.4	J	12/18/2024	2147
7440-38-2	Arsenic	17		12/18/2024	2147
7440-39-3	Barium	160		12/18/2024	2147
7440-41-7	Beryllium	0.84		12/18/2024	2147
7440-43-9	Cadmium	1.2		12/18/2024	2147
7440-70-2	Calcium	10000		12/18/2024	2147
7440-47-3	Chromium	13	*	12/18/2024	2147
7440-48-4	Cobalt	15	*	12/18/2024	2147
7440-50-8	Copper	24		12/18/2024	2147
7439-89-6	Iron	20000		12/18/2024	2147
7439-92-1	Lead	92		12/18/2024	2147
7439-95-4	Magnesium	3200	*	12/18/2024	2147
7439-96-5	Manganese	2100	*	12/18/2024	2147
7440-02-0	Nickel	27		12/18/2024	2147
7440-09-7	Potassium	900		12/18/2024	2147
7782-49-2	Selenium	10	*	12/18/2024	2147
7440-22-4	Silver	1.1	*	12/18/2024	2147
7440-23-5	Sodium	160	J	12/18/2024	2147
7440-28-0	Thallium	2.4	U*	12/18/2024	2147
7440-62-2	Vanadium	19		12/18/2024	2147
7440-66-6	Zinc	80	*	12/18/2024	2147

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHL60

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHKZ3

Matrix: SOIL Lab Sample ID: P5061-11

% Solids: 92.1 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	3000		12/18/2024	2158
7440-36-0	Antimony	5.9	U	12/18/2024	2158
7440-38-2	Arsenic	5.0		12/18/2024	2158
7440-39-3	Barium	30		12/18/2024	2158
7440-41-7	Beryllium	0.41	J	12/18/2024	2158
7440-43-9	Cadmium	0.26	J	12/18/2024	2158
7440-70-2	Calcium	110000	D	01/03/2025	2349
7440-47-3	Chromium	5.5	*	12/18/2024	2158
7440-48-4	Cobalt	9.9	*	12/18/2024	2158
7440-50-8	Copper	15		12/18/2024	2158
7439-89-6	Iron	12000		12/18/2024	2158
7439-92-1	Lead	19		12/18/2024	2158
7439-95-4	Magnesium	24000	*	12/18/2024	2158
7439-96-5	Manganese	620	*	12/18/2024	2158
7440-02-0	Nickel	8.3		12/18/2024	2158
7440-09-7	Potassium	190	J	12/18/2024	2158
7782-49-2	Selenium	2.5	J*	12/18/2024	2158
7440-22-4	Silver	0.34	J*	12/18/2024	2158
7440-23-5	Sodium	160	J	12/18/2024	2158
7440-28-0	Thallium	2.5	U*	12/18/2024	2158
7440-62-2	Vanadium	12		12/18/2024	2158
7440-66-6	Zinc	41	*	12/18/2024	2158

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHL61

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHKZ3

Matrix: SOIL Lab Sample ID: P5061-12

% Solids: 73.8 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	2202
7440-36-0	Antimony	1.9	J	12/18/2024	2202
7440-38-2	Arsenic	10		12/18/2024	2202
7440-39-3	Barium	81		12/18/2024	2202
7440-41-7	Beryllium	0.74		12/18/2024	2202
7440-43-9	Cadmium	0.55	J	12/18/2024	2202
7440-70-2	Calcium	4800		12/18/2024	2202
7440-47-3	Chromium	9.7	*	12/18/2024	2202
7440-48-4	Cobalt	10	*	12/18/2024	2202
7440-50-8	Copper	21		12/18/2024	2202
7439-89-6	Iron	13000		12/18/2024	2202
7439-92-1	Lead	66		12/18/2024	2202
7439-95-4	Magnesium	1900	*	12/18/2024	2202
7439-96-5	Manganese	800	*	12/18/2024	2202
7440-02-0	Nickel	13		12/18/2024	2202
7440-09-7	Potassium	520	J	12/18/2024	2202
7782-49-2	Selenium	6.2	*	12/18/2024	2202
7440-22-4	Silver	0.39	J*	12/18/2024	2202
7440-23-5	Sodium	140	J	12/18/2024	2202
7440-28-0	Thallium	3.2	U*	12/18/2024	2202
7440-62-2	Vanadium	14		12/18/2024	2202
7440-66-6	Zinc	69	*	12/18/2024	2202

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHL62

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHKZ3

Matrix: SOIL Lab Sample ID: P5061-13

% Solids: 58.7 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	5300		12/18/2024	2206
7440-36-0	Antimony	9.3	U	12/18/2024	2206
7440-38-2	Arsenic	9.6		12/18/2024	2206
7440-39-3	Barium	120		12/18/2024	2206
7440-41-7	Beryllium	0.60	J	12/18/2024	2206
7440-43-9	Cadmium	1.4		12/18/2024	2206
7440-70-2	Calcium	80000		12/18/2024	2206
7440-47-3	Chromium	12	*	12/18/2024	2206
7440-48-4	Cobalt	13	*	12/18/2024	2206
7440-50-8	Copper	30		12/18/2024	2206
7439-89-6	Iron	13000		12/18/2024	2206
7439-92-1	Lead	170		12/18/2024	2206
7439-95-4	Magnesium	32000	*	12/18/2024	2206
7439-96-5	Manganese	1200	*	12/18/2024	2206
7440-02-0	Nickel	15		12/18/2024	2206
7440-09-7	Potassium	530	J	12/18/2024	2206
7782-49-2	Selenium	2.1	J*	12/18/2024	2206
7440-22-4	Silver	0.80	J*	12/18/2024	2206
7440-23-5	Sodium	330	J	12/18/2024	2206
7440-28-0	Thallium	3.9	U*	12/18/2024	2206
7440-62-2	Vanadium	15		12/18/2024	2206
7440-66-6	Zinc	160	*	12/18/2024	2206

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHL63

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHKZ3

Matrix: SOIL Lab Sample ID: P5061-14

% Solids: 73.9 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	6900		12/18/2024	2210
7440-36-0	Antimony	3.2	J	12/18/2024	2210
7440-38-2	Arsenic	19		12/18/2024	2210
7440-39-3	Barium	200		12/18/2024	2210
7440-41-7	Beryllium	0.84		12/18/2024	2210
7440-43-9	Cadmium	1.8		12/18/2024	2210
7440-70-2	Calcium	23000		12/18/2024	2210
7440-47-3	Chromium	15	*	12/18/2024	2210
7440-48-4	Cobalt	14	*	12/18/2024	2210
7440-50-8	Copper	43		12/18/2024	2210
7439-89-6	Iron	19000		12/18/2024	2210
7439-92-1	Lead	470		12/18/2024	2210
7439-95-4	Magnesium	7300	*	12/18/2024	2210
7439-96-5	Manganese	1800	*	12/18/2024	2210
7440-02-0	Nickel	23		12/18/2024	2210
7440-09-7	Potassium	850		12/18/2024	2210
7782-49-2	Selenium	8.6	*	12/18/2024	2210
7440-22-4	Silver	1.2	*	12/18/2024	2210
7440-23-5	Sodium	180	J	12/18/2024	2210
7440-28-0	Thallium	2.7	U*	12/18/2024	2210
7440-62-2	Vanadium	19		12/18/2024	2210
7440-66-6	Zinc	180	*	12/18/2024	2210

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHL64

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHKZ3

Matrix: SOIL Lab Sample ID: P5061-15

% Solids: 75 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		12/18/2024	2214
7440-36-0	Antimony	4.3	J	12/18/2024	2214
7440-38-2	Arsenic	26		12/18/2024	2214
7440-39-3	Barium	280		12/18/2024	2214
7440-41-7	Beryllium	0.50		12/18/2024	2214
7440-43-9	Cadmium	1.9		12/18/2024	2214
7440-70-2	Calcium	14000		12/18/2024	2214
7440-47-3	Chromium	17	*	12/18/2024	2214
7440-48-4	Cobalt	18	*	12/18/2024	2214
7440-50-8	Copper	50		12/18/2024	2214
7439-89-6	Iron	23000		12/18/2024	2214
7439-92-1	Lead	370		12/18/2024	2214
7439-95-4	Magnesium	4100	*	12/18/2024	2214
7439-96-5	Manganese	8200	D*	01/03/2025	2357
7440-02-0	Nickel	26		12/18/2024	2214
7440-09-7	Potassium	880		12/18/2024	2214
7782-49-2	Selenium	14	*	12/18/2024	2214
7440-22-4	Silver	2.2	*	12/18/2024	2214
7440-23-5	Sodium	170	J	12/18/2024	2214
7440-28-0	Thallium	1.8	J*	12/18/2024	2214
7440-62-2	Vanadium	22		12/18/2024	2214
7440-66-6	Zinc	660	*	12/18/2024	2214

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHL65

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHKZ3

Matrix: SOIL Lab Sample ID: P5061-16

% Solids: 78.4 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	7700		12/18/2024	2217
7440-36-0	Antimony	3.6	J	12/18/2024	2217
7440-38-2	Arsenic	16		12/18/2024	2217
7440-39-3	Barium	220		12/18/2024	2217
7440-41-7	Beryllium	0.86		12/18/2024	2217
7440-43-9	Cadmium	1.2		12/18/2024	2217
7440-70-2	Calcium	18000		12/18/2024	2217
7440-47-3	Chromium	13	*	12/18/2024	2217
7440-48-4	Cobalt	15	*	12/18/2024	2217
7440-50-8	Copper	28		12/18/2024	2217
7439-89-6	Iron	21000		12/18/2024	2217
7439-92-1	Lead	150		12/18/2024	2217
7439-95-4	Magnesium	3800	*	12/18/2024	2217
7439-96-5	Manganese	2100	*	12/18/2024	2217
7440-02-0	Nickel	21		12/18/2024	2217
7440-09-7	Potassium	670		12/18/2024	2217
7782-49-2	Selenium	10	*	12/18/2024	2217
7440-22-4	Silver	1.2	*	12/18/2024	2217
7440-23-5	Sodium	220	J	12/18/2024	2217
7440-28-0	Thallium	2.8	U*	12/18/2024	2217
7440-62-2	Vanadium	27		12/18/2024	2217
7440-66-6	Zinc	120	*	12/18/2024	2217

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHL66

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHKZ3

Matrix: SOIL Lab Sample ID: P5061-17

% Solids: 87.3 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	5300		12/18/2024	2221
7440-36-0	Antimony	1.4	J	12/18/2024	2221
7440-38-2	Arsenic	5.8		12/18/2024	2221
7440-39-3	Barium	50		12/18/2024	2221
7440-41-7	Beryllium	0.58		12/18/2024	2221
7440-43-9	Cadmium	0.42	J	12/18/2024	2221
7440-70-2	Calcium	69000		12/18/2024	2221
7440-47-3	Chromium	8.1	*	12/18/2024	2221
7440-48-4	Cobalt	12	*	12/18/2024	2221
7440-50-8	Copper	13		12/18/2024	2221
7439-89-6	Iron	14000		12/18/2024	2221
7439-92-1	Lead	17		12/18/2024	2221
7439-95-4	Magnesium	12000	*	12/18/2024	2221
7439-96-5	Manganese	640	*	12/18/2024	2221
7440-02-0	Nickel	17		12/18/2024	2221
7440-09-7	Potassium	710		12/18/2024	2221
7782-49-2	Selenium	4.2	*	12/18/2024	2221
7440-22-4	Silver	0.33	J*	12/18/2024	2221
7440-23-5	Sodium	180	J	12/18/2024	2221
7440-28-0	Thallium	2.3	U*	12/18/2024	2221
7440-62-2	Vanadium	14		12/18/2024	2221
7440-66-6	Zinc	63	*	12/18/2024	2221

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHL67

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHKZ3

Matrix: SOIL Lab Sample ID: P5061-18

% Solids: 89 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		12/18/2024	2225
7440-36-0	Antimony	1.0	J	12/18/2024	2225
7440-38-2	Arsenic	5.3		12/18/2024	2225
7440-39-3	Barium	76		12/18/2024	2225
7440-41-7	Beryllium	0.52		12/18/2024	2225
7440-43-9	Cadmium	0.66		12/18/2024	2225
7440-70-2	Calcium	72000		12/18/2024	2225
7440-47-3	Chromium	8.5	*	12/18/2024	2225
7440-48-4	Cobalt	12	*	12/18/2024	2225
7440-50-8	Copper	14		12/18/2024	2225
7439-89-6	Iron	14000		12/18/2024	2225
7439-92-1	Lead	26		12/18/2024	2225
7439-95-4	Magnesium	10000	*	12/18/2024	2225
7439-96-5	Manganese	930	*	12/18/2024	2225
7440-02-0	Nickel	16		12/18/2024	2225
7440-09-7	Potassium	660		12/18/2024	2225
7782-49-2	Selenium	3.8	*	12/18/2024	2225
7440-22-4	Silver	0.45	J*	12/18/2024	2225
7440-23-5	Sodium	150	J	12/18/2024	2225
7440-28-0	Thallium	2.5	U*	12/18/2024	2225
7440-62-2	Vanadium	13		12/18/2024	2225
7440-66-6	Zinc	54	*	12/18/2024	2225

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

Comments: