

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHKZ7

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHKZ7

Matrix: SOIL Lab Sample ID: P5062-01

% Solids: 90.1 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	4800		12/17/2024	2157
7440-36-0	Antimony	1.1	J*	12/17/2024	2157
7440-38-2	Arsenic	3.5		12/17/2024	2157
7440-39-3	Barium	110		12/17/2024	2157
7440-41-7	Beryllium	0.63		12/17/2024	2157
7440-43-9	Cadmium	0.77		12/17/2024	2157
7440-70-2	Calcium	170000	D	01/05/2025	1906
7440-47-3	Chromium	10	*	12/17/2024	2157
7440-48-4	Cobalt	14		12/17/2024	2157
7440-50-8	Copper	8.5		12/17/2024	2157
7439-89-6	Iron	15000		12/17/2024	2157
7439-92-1	Lead	10		12/17/2024	2157
7439-95-4	Magnesium	4100		12/17/2024	2157
7439-96-5	Manganese	1300		12/17/2024	2157
7440-02-0	Nickel	19		12/17/2024	2157
7440-09-7	Potassium	870		12/17/2024	2157
7782-49-2	Selenium	2.0	J	12/17/2024	2157
7440-22-4	Silver	0.35	J*	12/17/2024	2157
7440-23-5	Sodium	93	J	12/17/2024	2157
7440-28-0	Thallium	0.91	J*	12/17/2024	2157
7440-62-2	Vanadium	11		12/17/2024	2157
7440-66-6	Zinc	31	*	12/17/2024	2157

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHKZ8

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHKZ7

Matrix: SOIL Lab Sample ID: P5062-02

% 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	4600		12/17/2024	2201
7440-36-0	Antimony	0.96	J*	12/17/2024	2201
7440-38-2	Arsenic	3.3		12/17/2024	2201
7440-39-3	Barium	110		12/17/2024	2201
7440-41-7	Beryllium	0.56		12/17/2024	2201
7440-43-9	Cadmium	0.68		12/17/2024	2201
7440-70-2	Calcium	170000	D	01/05/2025	1910
7440-47-3	Chromium	9.9	*	12/17/2024	2201
7440-48-4	Cobalt	14		12/17/2024	2201
7440-50-8	Copper	13		12/17/2024	2201
7439-89-6	Iron	14000		12/17/2024	2201
7439-92-1	Lead	11		12/17/2024	2201
7439-95-4	Magnesium	5300		12/17/2024	2201
7439-96-5	Manganese	1400		12/17/2024	2201
7440-02-0	Nickel	18		12/17/2024	2201
7440-09-7	Potassium	870		12/17/2024	2201
7782-49-2	Selenium	1.8	J	12/17/2024	2201
7440-22-4	Silver	0.31	J*	12/17/2024	2201
7440-23-5	Sodium	490	U	12/17/2024	2201
7440-28-0	Thallium	1.4	J*	12/17/2024	2201
7440-62-2	Vanadium	11		12/17/2024	2201
7440-66-6	Zinc	29	*	12/17/2024	2201

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHKZ9

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHKZ7

Matrix: SOIL Lab Sample ID: P5062-03

% Solids: 92.4 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	4100		12/17/2024	2205
7440-36-0	Antimony	0.85	J*	12/17/2024	2205
7440-38-2	Arsenic	6.4		12/17/2024	2205
7440-39-3	Barium	61		12/17/2024	2205
7440-41-7	Beryllium	0.50		12/17/2024	2205
7440-43-9	Cadmium	0.39	J	12/17/2024	2205
7440-70-2	Calcium	140000	D	01/04/2025	0035
7440-47-3	Chromium	8.9	*	12/17/2024	2205
7440-48-4	Cobalt	12		12/17/2024	2205
7440-50-8	Copper	25		12/17/2024	2205
7439-89-6	Iron	12000		12/17/2024	2205
7439-92-1	Lead	20		12/17/2024	2205
7439-95-4	Magnesium	16000		12/17/2024	2205
7439-96-5	Manganese	850		12/17/2024	2205
7440-02-0	Nickel	14		12/17/2024	2205
7440-09-7	Potassium	770		12/17/2024	2205
7782-49-2	Selenium	3.2	U	12/17/2024	2205
7440-22-4	Silver	0.23	J*	12/17/2024	2205
7440-23-5	Sodium	93	J	12/17/2024	2205
7440-28-0	Thallium	1.3	J*	12/17/2024	2205
7440-62-2	Vanadium	9.9		12/17/2024	2205
7440-66-6	Zinc	45	*	12/17/2024	2205

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHL00

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHKZ7

Matrix: SOIL Lab Sample ID: P5062-04

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

Analytical Method: ICP_AES

Concentration Units ($\mu\text{g/L}$, mg/L , mg/kg dry weight, μg , or $\mu\text{g/cm}^2$): mg/kg

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	6400		12/17/2024	2209
7440-36-0	Antimony	2.8	J*	12/17/2024	2209
7440-38-2	Arsenic	13		12/17/2024	2209
7440-39-3	Barium	68		12/17/2024	2209
7440-41-7	Beryllium	0.84		12/17/2024	2209
7440-43-9	Cadmium	0.44	J	12/17/2024	2209
7440-70-2	Calcium	3400		12/17/2024	2209
7440-47-3	Chromium	11	*	12/17/2024	2209
7440-48-4	Cobalt	9.2		12/17/2024	2209
7440-50-8	Copper	20		12/17/2024	2209
7439-89-6	Iron	16000		12/17/2024	2209
7439-92-1	Lead	56		12/17/2024	2209
7439-95-4	Magnesium	1700		12/17/2024	2209
7439-96-5	Manganese	620		12/17/2024	2209
7440-02-0	Nickel	17		12/17/2024	2209
7440-09-7	Potassium	580		12/17/2024	2209
7782-49-2	Selenium	6.8		12/17/2024	2209
7440-22-4	Silver	0.46	J*	12/17/2024	2209
7440-23-5	Sodium	530	U	12/17/2024	2209
7440-28-0	Thallium	2.7	U*	12/17/2024	2209
7440-62-2	Vanadium	21		12/17/2024	2209
7440-66-6	Zinc	55	*	12/17/2024	2209

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHL01

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHKZ7

Matrix: SOIL Lab Sample ID: P5062-05

% Solids: 73.5 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	7300		12/17/2024	2220
7440-36-0	Antimony	3.3	J*	12/17/2024	2220
7440-38-2	Arsenic	14		12/17/2024	2220
7440-39-3	Barium	74		12/17/2024	2220
7440-41-7	Beryllium	0.90		12/17/2024	2220
7440-43-9	Cadmium	0.46	J	12/17/2024	2220
7440-70-2	Calcium	3600		12/17/2024	2220
7440-47-3	Chromium	12	*	12/17/2024	2220
7440-48-4	Cobalt	10		12/17/2024	2220
7440-50-8	Copper	22		12/17/2024	2220
7439-89-6	Iron	18000		12/17/2024	2220
7439-92-1	Lead	60		12/17/2024	2220
7439-95-4	Magnesium	1900		12/17/2024	2220
7439-96-5	Manganese	710		12/17/2024	2220
7440-02-0	Nickel	18		12/17/2024	2220
7440-09-7	Potassium	550	J	12/17/2024	2220
7782-49-2	Selenium	7.8		12/17/2024	2220
7440-22-4	Silver	0.52	J*	12/17/2024	2220
7440-23-5	Sodium	590	U	12/17/2024	2220
7440-28-0	Thallium	3.0	U*	12/17/2024	2220
7440-62-2	Vanadium	21		12/17/2024	2220
7440-66-6	Zinc	64	*	12/17/2024	2220

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHL02

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHKZ7
 Matrix: SOIL Lab Sample ID: P5062-06
 % 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	6900		12/17/2024	2224
7440-36-0	Antimony	2.8	J*	12/17/2024	2224
7440-38-2	Arsenic	13		12/17/2024	2224
7440-39-3	Barium	68		12/17/2024	2224
7440-41-7	Beryllium	0.87		12/17/2024	2224
7440-43-9	Cadmium	0.45	J	12/17/2024	2224
7440-70-2	Calcium	2900		12/17/2024	2224
7440-47-3	Chromium	11	*	12/17/2024	2224
7440-48-4	Cobalt	9.6		12/17/2024	2224
7440-50-8	Copper	19		12/17/2024	2224
7439-89-6	Iron	16000		12/17/2024	2224
7439-92-1	Lead	54		12/17/2024	2224
7439-95-4	Magnesium	1800		12/17/2024	2224
7439-96-5	Manganese	680		12/17/2024	2224
7440-02-0	Nickel	16		12/17/2024	2224
7440-09-7	Potassium	400	J	12/17/2024	2224
7782-49-2	Selenium	6.6		12/17/2024	2224
7440-22-4	Silver	0.34	J*	12/17/2024	2224
7440-23-5	Sodium	540	U	12/17/2024	2224
7440-28-0	Thallium	2.7	U*	12/17/2024	2224
7440-62-2	Vanadium	20		12/17/2024	2224
7440-66-6	Zinc	55	*	12/17/2024	2224

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHL23

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHKZ7

Matrix: SOIL Lab Sample ID: P5062-09

% Solids: 74.7 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		12/17/2024	2240
7440-36-0	Antimony	3.2	J*	12/17/2024	2240
7440-38-2	Arsenic	19		12/17/2024	2240
7440-39-3	Barium	200		12/17/2024	2240
7440-41-7	Beryllium	0.93		12/17/2024	2240
7440-43-9	Cadmium	1.3		12/17/2024	2240
7440-70-2	Calcium	15000		12/17/2024	2240
7440-47-3	Chromium	17	*	12/17/2024	2240
7440-48-4	Cobalt	13		12/17/2024	2240
7440-50-8	Copper	54		12/17/2024	2240
7439-89-6	Iron	17000		12/17/2024	2240
7439-92-1	Lead	390		12/17/2024	2240
7439-95-4	Magnesium	3800		12/17/2024	2240
7439-96-5	Manganese	1200		12/17/2024	2240
7440-02-0	Nickel	21		12/17/2024	2240
7440-09-7	Potassium	810		12/17/2024	2240
7782-49-2	Selenium	6.0		12/17/2024	2240
7440-22-4	Silver	0.98	J*	12/17/2024	2240
7440-23-5	Sodium	540	U	12/17/2024	2240
7440-28-0	Thallium	2.7	U*	12/17/2024	2240
7440-62-2	Vanadium	21		12/17/2024	2240
7440-66-6	Zinc	220	*	12/17/2024	2240

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHL24

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHKZ7

Matrix: SOIL Lab Sample ID: P5062-10

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

Analytical Method: ICP_AES

Concentration Units ($\mu\text{g/L}$, mg/L , mg/kg dry weight, μg , or $\mu\text{g/cm}^2$): mg/kg

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	5000		12/17/2024	2244
7440-36-0	Antimony	1.1	J*	12/17/2024	2244
7440-38-2	Arsenic	6.4		12/17/2024	2244
7440-39-3	Barium	81		12/17/2024	2244
7440-41-7	Beryllium	0.57		12/17/2024	2244
7440-43-9	Cadmium	0.41	J	12/17/2024	2244
7440-70-2	Calcium	58000	D	01/04/2025	0039
7440-47-3	Chromium	8.8	*	12/17/2024	2244
7440-48-4	Cobalt	12		12/17/2024	2244
7440-50-8	Copper	18		12/17/2024	2244
7439-89-6	Iron	13000		12/17/2024	2244
7439-92-1	Lead	45		12/17/2024	2244
7439-95-4	Magnesium	11000		12/17/2024	2244
7439-96-5	Manganese	1000		12/17/2024	2244
7440-02-0	Nickel	14		12/17/2024	2244
7440-09-7	Potassium	680		12/17/2024	2244
7782-49-2	Selenium	2.2	J	12/17/2024	2244
7440-22-4	Silver	0.30	J*	12/17/2024	2244
7440-23-5	Sodium	120	J	12/17/2024	2244
7440-28-0	Thallium	2.5	U*	12/17/2024	2244
7440-62-2	Vanadium	14		12/17/2024	2244
7440-66-6	Zinc	55	*	12/17/2024	2244

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHL25

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHKZ7

Matrix: SOIL Lab Sample ID: P5062-11

% Solids: 85.1 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	6900		12/17/2024	2248
7440-36-0	Antimony	2.2	J*	12/17/2024	2248
7440-38-2	Arsenic	13		12/17/2024	2248
7440-39-3	Barium	130		12/17/2024	2248
7440-41-7	Beryllium	0.78		12/17/2024	2248
7440-43-9	Cadmium	0.81		12/17/2024	2248
7440-70-2	Calcium	56000		12/17/2024	2248
7440-47-3	Chromium	13	*	12/17/2024	2248
7440-48-4	Cobalt	14		12/17/2024	2248
7440-50-8	Copper	29		12/17/2024	2248
7439-89-6	Iron	18000		12/17/2024	2248
7439-92-1	Lead	140		12/17/2024	2248
7439-95-4	Magnesium	7300		12/17/2024	2248
7439-96-5	Manganese	1200		12/17/2024	2248
7440-02-0	Nickel	19		12/17/2024	2248
7440-09-7	Potassium	850		12/17/2024	2248
7782-49-2	Selenium	4.9		12/17/2024	2248
7440-22-4	Silver	0.66	J*	12/17/2024	2248
7440-23-5	Sodium	510	U	12/17/2024	2248
7440-28-0	Thallium	2.6	U*	12/17/2024	2248
7440-62-2	Vanadium	18		12/17/2024	2248
7440-66-6	Zinc	130	*	12/17/2024	2248

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHL26

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHKZ7

Matrix: SOIL Lab Sample ID: P5062-12

% Solids: 79.9 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	7300		12/17/2024	2251
7440-36-0	Antimony	1.9	J*	12/17/2024	2251
7440-38-2	Arsenic	9.3		12/17/2024	2251
7440-39-3	Barium	160		12/17/2024	2251
7440-41-7	Beryllium	0.73		12/17/2024	2251
7440-43-9	Cadmium	0.61		12/17/2024	2251
7440-70-2	Calcium	49000		12/17/2024	2251
7440-47-3	Chromium	11	*	12/17/2024	2251
7440-48-4	Cobalt	14		12/17/2024	2251
7440-50-8	Copper	24		12/17/2024	2251
7439-89-6	Iron	17000		12/17/2024	2251
7439-92-1	Lead	33		12/17/2024	2251
7439-95-4	Magnesium	5700		12/17/2024	2251
7439-96-5	Manganese	1500		12/17/2024	2251
7440-02-0	Nickel	20		12/17/2024	2251
7440-09-7	Potassium	770		12/17/2024	2251
7782-49-2	Selenium	4.9		12/17/2024	2251
7440-22-4	Silver	0.77	J*	12/17/2024	2251
7440-23-5	Sodium	510	U	12/17/2024	2251
7440-28-0	Thallium	2.5	U*	12/17/2024	2251
7440-62-2	Vanadium	15		12/17/2024	2251
7440-66-6	Zinc	60	*	12/17/2024	2251

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHL27

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHKZ7

Matrix: SOIL Lab Sample ID: P5062-13

% 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	5200		12/17/2024	2255
7440-36-0	Antimony	1.7	J*	12/17/2024	2255
7440-38-2	Arsenic	6.2		12/17/2024	2255
7440-39-3	Barium	110		12/17/2024	2255
7440-41-7	Beryllium	0.59		12/17/2024	2255
7440-43-9	Cadmium	0.46		12/17/2024	2255
7440-70-2	Calcium	94000	D	01/04/2025	0043
7440-47-3	Chromium	8.7	*	12/17/2024	2255
7440-48-4	Cobalt	13		12/17/2024	2255
7440-50-8	Copper	21		12/17/2024	2255
7439-89-6	Iron	14000		12/17/2024	2255
7439-92-1	Lead	28		12/17/2024	2255
7439-95-4	Magnesium	6800		12/17/2024	2255
7439-96-5	Manganese	990		12/17/2024	2255
7440-02-0	Nickel	17		12/17/2024	2255
7440-09-7	Potassium	860		12/17/2024	2255
7782-49-2	Selenium	2.5	J	12/17/2024	2255
7440-22-4	Silver	0.37	J*	12/17/2024	2255
7440-23-5	Sodium	450	U	12/17/2024	2255
7440-28-0	Thallium	2.2	U*	12/17/2024	2255
7440-62-2	Vanadium	13		12/17/2024	2255
7440-66-6	Zinc	48	*	12/17/2024	2255

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHL68

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHKZ7

Matrix: SOIL Lab Sample ID: P5062-14

% Solids: 84.8 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	5200		12/17/2024	2259
7440-36-0	Antimony	1.3	J*	12/17/2024	2259
7440-38-2	Arsenic	5.7		12/17/2024	2259
7440-39-3	Barium	69		12/17/2024	2259
7440-41-7	Beryllium	0.60		12/17/2024	2259
7440-43-9	Cadmium	0.41	J	12/17/2024	2259
7440-70-2	Calcium	100000	D	01/04/2025	0047
7440-47-3	Chromium	8.7	*	12/17/2024	2259
7440-48-4	Cobalt	12		12/17/2024	2259
7440-50-8	Copper	17		12/17/2024	2259
7439-89-6	Iron	14000		12/17/2024	2259
7439-92-1	Lead	34		12/17/2024	2259
7439-95-4	Magnesium	8600		12/17/2024	2259
7439-96-5	Manganese	840		12/17/2024	2259
7440-02-0	Nickel	14		12/17/2024	2259
7440-09-7	Potassium	750		12/17/2024	2259
7782-49-2	Selenium	1.5	J	12/17/2024	2259
7440-22-4	Silver	0.30	J*	12/17/2024	2259
7440-23-5	Sodium	500	U	12/17/2024	2259
7440-28-0	Thallium	2.5	U*	12/17/2024	2259
7440-62-2	Vanadium	14		12/17/2024	2259
7440-66-6	Zinc	52	*	12/17/2024	2259

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHL69

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHKZ7

Matrix: SOIL Lab Sample ID: P5062-15

% 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	8500		12/17/2024	2303
7440-36-0	Antimony	3.6	J*	12/17/2024	2303
7440-38-2	Arsenic	19		12/17/2024	2303
7440-39-3	Barium	190		12/17/2024	2303
7440-41-7	Beryllium	0.92		12/17/2024	2303
7440-43-9	Cadmium	1.1		12/17/2024	2303
7440-70-2	Calcium	8000		12/17/2024	2303
7440-47-3	Chromium	15	*	12/17/2024	2303
7440-48-4	Cobalt	15		12/17/2024	2303
7440-50-8	Copper	28		12/17/2024	2303
7439-89-6	Iron	21000		12/17/2024	2303
7439-92-1	Lead	90		12/17/2024	2303
7439-95-4	Magnesium	3300		12/17/2024	2303
7439-96-5	Manganese	2700		12/17/2024	2303
7440-02-0	Nickel	28		12/17/2024	2303
7440-09-7	Potassium	1100		12/17/2024	2303
7782-49-2	Selenium	9.0		12/17/2024	2303
7440-22-4	Silver	1.1	J*	12/17/2024	2303
7440-23-5	Sodium	650	U	12/17/2024	2303
7440-28-0	Thallium	3.2	U*	12/17/2024	2303
7440-62-2	Vanadium	20		12/17/2024	2303
7440-66-6	Zinc	95	*	12/17/2024	2303

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHLC8

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHKZ7

Matrix: SOIL Lab Sample ID: P5062-16

% Solids: 80.9 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	6300		12/17/2024	2307
7440-36-0	Antimony	2.5	J*	12/17/2024	2307
7440-38-2	Arsenic	13		12/17/2024	2307
7440-39-3	Barium	100		12/17/2024	2307
7440-41-7	Beryllium	0.78		12/17/2024	2307
7440-43-9	Cadmium	0.76		12/17/2024	2307
7440-70-2	Calcium	6200		12/17/2024	2307
7440-47-3	Chromium	27	*	12/17/2024	2307
7440-48-4	Cobalt	9.9		12/17/2024	2307
7440-50-8	Copper	29		12/17/2024	2307
7439-89-6	Iron	16000		12/17/2024	2307
7439-92-1	Lead	120		12/17/2024	2307
7439-95-4	Magnesium	2400		12/17/2024	2307
7439-96-5	Manganese	660		12/17/2024	2307
7440-02-0	Nickel	16		12/17/2024	2307
7440-09-7	Potassium	600		12/17/2024	2307
7782-49-2	Selenium	6.1		12/17/2024	2307
7440-22-4	Silver	0.54	J*	12/17/2024	2307
7440-23-5	Sodium	540	U	12/17/2024	2307
7440-28-0	Thallium	2.7	U*	12/17/2024	2307
7440-62-2	Vanadium	17		12/17/2024	2307
7440-66-6	Zinc	97	*	12/17/2024	2307

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHLC9

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHKZ7

Matrix: SOIL Lab Sample ID: P5062-17

% Solids: 83 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		12/17/2024	2311
7440-36-0	Antimony	3.2	J*	12/17/2024	2311
7440-38-2	Arsenic	9.2		12/17/2024	2311
7440-39-3	Barium	82		12/17/2024	2311
7440-41-7	Beryllium	0.79		12/17/2024	2311
7440-43-9	Cadmium	0.46	J	12/17/2024	2311
7440-70-2	Calcium	3700		12/17/2024	2311
7440-47-3	Chromium	17	*	12/17/2024	2311
7440-48-4	Cobalt	9.3		12/17/2024	2311
7440-50-8	Copper	16		12/17/2024	2311
7439-89-6	Iron	17000		12/17/2024	2311
7439-92-1	Lead	51		12/17/2024	2311
7439-95-4	Magnesium	2200		12/17/2024	2311
7439-96-5	Manganese	610		12/17/2024	2311
7440-02-0	Nickel	14		12/17/2024	2311
7440-09-7	Potassium	580		12/17/2024	2311
7782-49-2	Selenium	7.0		12/17/2024	2311
7440-22-4	Silver	0.51	J*	12/17/2024	2311
7440-23-5	Sodium	490	U	12/17/2024	2311
7440-28-0	Thallium	2.5	U*	12/17/2024	2311
7440-62-2	Vanadium	19		12/17/2024	2311
7440-66-6	Zinc	47	*	12/17/2024	2311

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHLD0

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHKZ7

Matrix: SOIL Lab Sample ID: P5062-18

% Solids: 83.9 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	7800		12/17/2024	2315
7440-36-0	Antimony	4.3	J*	12/17/2024	2315
7440-38-2	Arsenic	6.7		12/17/2024	2315
7440-39-3	Barium	81		12/17/2024	2315
7440-41-7	Beryllium	1.0		12/17/2024	2315
7440-43-9	Cadmium	0.41	J	12/17/2024	2315
7440-70-2	Calcium	2700		12/17/2024	2315
7440-47-3	Chromium	16	*	12/17/2024	2315
7440-48-4	Cobalt	12		12/17/2024	2315
7440-50-8	Copper	12		12/17/2024	2315
7439-89-6	Iron	24000		12/17/2024	2315
7439-92-1	Lead	19		12/17/2024	2315
7439-95-4	Magnesium	3500		12/17/2024	2315
7439-96-5	Manganese	840		12/17/2024	2315
7440-02-0	Nickel	23		12/17/2024	2315
7440-09-7	Potassium	1100		12/17/2024	2315
7782-49-2	Selenium	10		12/17/2024	2315
7440-22-4	Silver	0.53	J*	12/17/2024	2315
7440-23-5	Sodium	540	U	12/17/2024	2315
7440-28-0	Thallium	2.7	U*	12/17/2024	2315
7440-62-2	Vanadium	18		12/17/2024	2315
7440-66-6	Zinc	37	*	12/17/2024	2315

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHLD1

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHKZ7
 Matrix: SOIL Lab Sample ID: P5062-19
 % Solids: 85 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		12/17/2024	2318
7440-36-0	Antimony	3.1	J*	12/17/2024	2318
7440-38-2	Arsenic	15		12/17/2024	2318
7440-39-3	Barium	150		12/17/2024	2318
7440-41-7	Beryllium	0.64		12/17/2024	2318
7440-43-9	Cadmium	0.74		12/17/2024	2318
7440-70-2	Calcium	3700		12/17/2024	2318
7440-47-3	Chromium	11	*	12/17/2024	2318
7440-48-4	Cobalt	15		12/17/2024	2318
7440-50-8	Copper	22		12/17/2024	2318
7439-89-6	Iron	19000		12/17/2024	2318
7439-92-1	Lead	28		12/17/2024	2318
7439-95-4	Magnesium	3200		12/17/2024	2318
7439-96-5	Manganese	2300		12/17/2024	2318
7440-02-0	Nickel	28		12/17/2024	2318
7440-09-7	Potassium	780		12/17/2024	2318
7782-49-2	Selenium	9.3		12/17/2024	2318
7440-22-4	Silver	0.69	J*	12/17/2024	2318
7440-23-5	Sodium	520	U	12/17/2024	2318
7440-28-0	Thallium	2.6	U*	12/17/2024	2318
7440-62-2	Vanadium	16		12/17/2024	2318
7440-66-6	Zinc	45	*	12/17/2024	2318

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHLD2

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHKZ7

Matrix: SOIL Lab Sample ID: P5062-20

% Solids: 83 Date Received: 12/03/2024

Analytical Method: ICP_AES

Concentration Units ($\mu\text{g/L}$, mg/L , mg/kg dry weight, μg , or $\mu\text{g/cm}^2$): mg/kg

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	7800		12/17/2024	2322
7440-36-0	Antimony	4.1	J*	12/17/2024	2322
7440-38-2	Arsenic	17		12/17/2024	2322
7440-39-3	Barium	280		12/17/2024	2322
7440-41-7	Beryllium	0.62		12/17/2024	2322
7440-43-9	Cadmium	1.5		12/17/2024	2322
7440-70-2	Calcium	4300		12/17/2024	2322
7440-47-3	Chromium	18	*	12/17/2024	2322
7440-48-4	Cobalt	17		12/17/2024	2322
7440-50-8	Copper	31		12/17/2024	2322
7439-89-6	Iron	25000		12/17/2024	2322
7439-92-1	Lead	36		12/17/2024	2322
7439-95-4	Magnesium	3800		12/17/2024	2322
7439-96-5	Manganese	5100	D	01/04/2025	0051
7440-02-0	Nickel	47		12/17/2024	2322
7440-09-7	Potassium	1100		12/17/2024	2322
7782-49-2	Selenium	12		12/17/2024	2322
7440-22-4	Silver	1.3	*	12/17/2024	2322
7440-23-5	Sodium	510	U	12/17/2024	2322
7440-28-0	Thallium	2.5	U*	12/17/2024	2322
7440-62-2	Vanadium	23		12/17/2024	2322
7440-66-6	Zinc	69	*	12/17/2024	2322

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHLD3

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHKZ7

Matrix: SOIL Lab Sample ID: P5062-21

% Solids: 94 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	3800		12/17/2024	2326
7440-36-0	Antimony	1.3	J*	12/17/2024	2326
7440-38-2	Arsenic	5.1		12/17/2024	2326
7440-39-3	Barium	42		12/17/2024	2326
7440-41-7	Beryllium	0.46		12/17/2024	2326
7440-43-9	Cadmium	0.29	J	12/17/2024	2326
7440-70-2	Calcium	37000		12/17/2024	2326
7440-47-3	Chromium	7.3	*	12/17/2024	2326
7440-48-4	Cobalt	10		12/17/2024	2326
7440-50-8	Copper	20		12/17/2024	2326
7439-89-6	Iron	12000		12/17/2024	2326
7439-92-1	Lead	37		12/17/2024	2326
7439-95-4	Magnesium	7500		12/17/2024	2326
7439-96-5	Manganese	660		12/17/2024	2326
7440-02-0	Nickel	14		12/17/2024	2326
7440-09-7	Potassium	400	J	12/17/2024	2326
7782-49-2	Selenium	2.4	J	12/17/2024	2326
7440-22-4	Silver	0.37	J*	12/17/2024	2326
7440-23-5	Sodium	450	U	12/17/2024	2326
7440-28-0	Thallium	2.2	U*	12/17/2024	2326
7440-62-2	Vanadium	10		12/17/2024	2326
7440-66-6	Zinc	47	*	12/17/2024	2326

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHLD4

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHKZ7

Matrix: SOIL Lab Sample ID: P5062-22

% Solids: 78.5 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	6900		12/17/2024	2330
7440-36-0	Antimony	2.1	J*	12/17/2024	2330
7440-38-2	Arsenic	14		12/17/2024	2330
7440-39-3	Barium	180		12/17/2024	2330
7440-41-7	Beryllium	0.76		12/17/2024	2330
7440-43-9	Cadmium	0.79		12/17/2024	2330
7440-70-2	Calcium	30000		12/17/2024	2330
7440-47-3	Chromium	16	*	12/17/2024	2330
7440-48-4	Cobalt	12		12/17/2024	2330
7440-50-8	Copper	76		12/17/2024	2330
7439-89-6	Iron	15000		12/17/2024	2330
7439-92-1	Lead	260		12/17/2024	2330
7439-95-4	Magnesium	4900		12/17/2024	2330
7439-96-5	Manganese	800		12/17/2024	2330
7440-02-0	Nickel	18		12/17/2024	2330
7440-09-7	Potassium	1100		12/17/2024	2330
7782-49-2	Selenium	4.4		12/17/2024	2330
7440-22-4	Silver	0.75	J*	12/17/2024	2330
7440-23-5	Sodium	520	U	12/17/2024	2330
7440-28-0	Thallium	2.6	U*	12/17/2024	2330
7440-62-2	Vanadium	17		12/17/2024	2330
7440-66-6	Zinc	190	*	12/17/2024	2330

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

Comments: