

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHLR0

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHLR0

Matrix: SOIL Lab Sample ID: P5084-01

% Solids: 87.2 Date Received: 12/04/2024

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		12/23/2024	2224
7440-36-0	Antimony	4.1	J*	12/23/2024	2224
7440-38-2	Arsenic	17		12/23/2024	2224
7440-39-3	Barium	60		12/23/2024	2224
7440-41-7	Beryllium	0.74		12/23/2024	2224
7440-43-9	Cadmium	0.36	J	12/23/2024	2224
7440-70-2	Calcium	11000		12/23/2024	2224
7440-47-3	Chromium	9.2		12/23/2024	2224
7440-48-4	Cobalt	15	*	12/23/2024	2224
7440-50-8	Copper	21	*	12/23/2024	2224
7439-89-6	Iron	20000		12/23/2024	2224
7439-92-1	Lead	28		12/23/2024	2224
7439-95-4	Magnesium	3900		12/23/2024	2224
7439-96-5	Manganese	530		12/23/2024	2224
7440-02-0	Nickel	18		12/23/2024	2224
7440-09-7	Potassium	430		12/23/2024	2224
7782-49-2	Selenium	9.6	*	12/23/2024	2224
7440-22-4	Silver	0.54	J*	12/23/2024	2224
7440-23-5	Sodium	420	U	12/23/2024	2224
7440-28-0	Thallium	2.1	U*	12/23/2024	2224
7440-62-2	Vanadium	17		12/23/2024	2224
7440-66-6	Zinc	44		12/23/2024	2224

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

Comments:

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MBHLW6

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHLR0

Matrix: SOIL Lab Sample ID: P5084-02

% Solids: 79.4 Date Received: 12/04/2024

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		12/23/2024	2228
7440-36-0	Antimony	3.3	J*	12/23/2024	2228
7440-38-2	Arsenic	11		12/23/2024	2228
7440-39-3	Barium	98		12/23/2024	2228
7440-41-7	Beryllium	0.77		12/23/2024	2228
7440-43-9	Cadmium	0.63		12/23/2024	2228
7440-70-2	Calcium	8600		12/23/2024	2228
7440-47-3	Chromium	12		12/23/2024	2228
7440-48-4	Cobalt	9.9	*	12/23/2024	2228
7440-50-8	Copper	34	*	12/23/2024	2228
7439-89-6	Iron	15000		12/23/2024	2228
7439-92-1	Lead	1100		12/23/2024	2228
7439-95-4	Magnesium	2800		12/23/2024	2228
7439-96-5	Manganese	500		12/23/2024	2228
7440-02-0	Nickel	19		12/23/2024	2228
7440-09-7	Potassium	830		12/23/2024	2228
7782-49-2	Selenium	7.2	*	12/23/2024	2228
7440-22-4	Silver	0.37	J*	12/23/2024	2228
7440-23-5	Sodium	500	U	12/23/2024	2228
7440-28-0	Thallium	2.5	U*	12/23/2024	2228
7440-62-2	Vanadium	19		12/23/2024	2228
7440-66-6	Zinc	97		12/23/2024	2228

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

Comments:

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MBHLW7

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHLR0

Matrix: SOIL Lab Sample ID: P5084-03

% Solids: 83.5 Date Received: 12/04/2024

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		12/23/2024	2232
7440-36-0	Antimony	2.7	J*	12/23/2024	2232
7440-38-2	Arsenic	11		12/23/2024	2232
7440-39-3	Barium	100		12/23/2024	2232
7440-41-7	Beryllium	0.76		12/23/2024	2232
7440-43-9	Cadmium	0.64		12/23/2024	2232
7440-70-2	Calcium	7300		12/23/2024	2232
7440-47-3	Chromium	12		12/23/2024	2232
7440-48-4	Cobalt	9.6	*	12/23/2024	2232
7440-50-8	Copper	28	*	12/23/2024	2232
7439-89-6	Iron	14000		12/23/2024	2232
7439-92-1	Lead	120		12/23/2024	2232
7439-95-4	Magnesium	2600		12/23/2024	2232
7439-96-5	Manganese	490		12/23/2024	2232
7440-02-0	Nickel	18		12/23/2024	2232
7440-09-7	Potassium	560		12/23/2024	2232
7782-49-2	Selenium	6.9	*	12/23/2024	2232
7440-22-4	Silver	0.35	J*	12/23/2024	2232
7440-23-5	Sodium	490	U	12/23/2024	2232
7440-28-0	Thallium	2.4	U*	12/23/2024	2232
7440-62-2	Vanadium	19		12/23/2024	2232
7440-66-6	Zinc	93		12/23/2024	2232

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

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MBHLW8

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHLR0

Matrix: SOIL Lab Sample ID: P5084-04

% Solids: 89 Date Received: 12/04/2024

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		12/23/2024	2236
7440-36-0	Antimony	3.1	J*	12/23/2024	2236
7440-38-2	Arsenic	12		12/23/2024	2236
7440-39-3	Barium	87		12/23/2024	2236
7440-41-7	Beryllium	0.71		12/23/2024	2236
7440-43-9	Cadmium	0.58		12/23/2024	2236
7440-70-2	Calcium	28000		12/23/2024	2236
7440-47-3	Chromium	8.1		12/23/2024	2236
7440-48-4	Cobalt	9.7	*	12/23/2024	2236
7440-50-8	Copper	23	*	12/23/2024	2236
7439-89-6	Iron	19000		12/23/2024	2236
7439-92-1	Lead	790		12/23/2024	2236
7439-95-4	Magnesium	7500		12/23/2024	2236
7439-96-5	Manganese	610		12/23/2024	2236
7440-02-0	Nickel	14		12/23/2024	2236
7440-09-7	Potassium	400	J	12/23/2024	2236
7782-49-2	Selenium	8.4	*	12/23/2024	2236
7440-22-4	Silver	0.40	J*	12/23/2024	2236
7440-23-5	Sodium	410	U	12/23/2024	2236
7440-28-0	Thallium	2.1	U*	12/23/2024	2236
7440-62-2	Vanadium	18		12/23/2024	2236
7440-66-6	Zinc	57		12/23/2024	2236

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

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MBHLW9

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHLR0

Matrix: SOIL Lab Sample ID: P5084-05

% Solids: 94.3 Date Received: 12/04/2024

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		12/23/2024	2240
7440-36-0	Antimony	2.1	J*	12/23/2024	2240
7440-38-2	Arsenic	4.4		12/23/2024	2240
7440-39-3	Barium	49		12/23/2024	2240
7440-41-7	Beryllium	0.41		12/23/2024	2240
7440-43-9	Cadmium	0.40	J	12/23/2024	2240
7440-70-2	Calcium	77000	D	01/04/2025	0208
7440-47-3	Chromium	6.2		12/23/2024	2240
7440-48-4	Cobalt	9.7	*	12/23/2024	2240
7440-50-8	Copper	24	*	12/23/2024	2240
7439-89-6	Iron	11000		12/23/2024	2240
7439-92-1	Lead	22		12/23/2024	2240
7439-95-4	Magnesium	12000		12/23/2024	2240
7439-96-5	Manganese	680		12/23/2024	2240
7440-02-0	Nickel	12		12/23/2024	2240
7440-09-7	Potassium	510		12/23/2024	2240
7782-49-2	Selenium	3.0	*	12/23/2024	2240
7440-22-4	Silver	0.18	J*	12/23/2024	2240
7440-23-5	Sodium	410	U	12/23/2024	2240
7440-28-0	Thallium	2.0	U*	12/23/2024	2240
7440-62-2	Vanadium	11		12/23/2024	2240
7440-66-6	Zinc	45		12/23/2024	2240

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

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MBHLX0

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHLR0

Matrix: SOIL Lab Sample ID: P5084-06

% Solids: 93.6 Date Received: 12/04/2024

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		12/23/2024	2243
7440-36-0	Antimony	2.5	J*	12/23/2024	2243
7440-38-2	Arsenic	6.0		12/23/2024	2243
7440-39-3	Barium	51		12/23/2024	2243
7440-41-7	Beryllium	0.46		12/23/2024	2243
7440-43-9	Cadmium	0.46		12/23/2024	2243
7440-70-2	Calcium	92000	D	01/04/2025	0212
7440-47-3	Chromium	7.2		12/23/2024	2243
7440-48-4	Cobalt	11	*	12/23/2024	2243
7440-50-8	Copper	24	*	12/23/2024	2243
7439-89-6	Iron	13000		12/23/2024	2243
7439-92-1	Lead	19		12/23/2024	2243
7439-95-4	Magnesium	9600		12/23/2024	2243
7439-96-5	Manganese	800		12/23/2024	2243
7440-02-0	Nickel	15		12/23/2024	2243
7440-09-7	Potassium	690		12/23/2024	2243
7782-49-2	Selenium	3.9	*	12/23/2024	2243
7440-22-4	Silver	0.22	J*	12/23/2024	2243
7440-23-5	Sodium	390	U	12/23/2024	2243
7440-28-0	Thallium	1.9	U*	12/23/2024	2243
7440-62-2	Vanadium	10		12/23/2024	2243
7440-66-6	Zinc	40		12/23/2024	2243

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

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MBHLX1

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHLR0

Matrix: SOIL Lab Sample ID: P5084-07

% Solids: 93.1 Date Received: 12/04/2024

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		12/23/2024	2247
7440-36-0	Antimony	2.7	J*	12/23/2024	2247
7440-38-2	Arsenic	2.7		12/23/2024	2247
7440-39-3	Barium	44		12/23/2024	2247
7440-41-7	Beryllium	0.55		12/23/2024	2247
7440-43-9	Cadmium	0.48		12/23/2024	2247
7440-70-2	Calcium	97000	D	01/04/2025	0216
7440-47-3	Chromium	9.6		12/23/2024	2247
7440-48-4	Cobalt	11	*	12/23/2024	2247
7440-50-8	Copper	13	*	12/23/2024	2247
7439-89-6	Iron	14000		12/23/2024	2247
7439-92-1	Lead	7.4		12/23/2024	2247
7439-95-4	Magnesium	8800		12/23/2024	2247
7439-96-5	Manganese	830		12/23/2024	2247
7440-02-0	Nickel	18		12/23/2024	2247
7440-09-7	Potassium	900		12/23/2024	2247
7782-49-2	Selenium	5.1	*	12/23/2024	2247
7440-22-4	Silver	0.20	J*	12/23/2024	2247
7440-23-5	Sodium	380	U	12/23/2024	2247
7440-28-0	Thallium	1.9	U*	12/23/2024	2247
7440-62-2	Vanadium	9.4		12/23/2024	2247
7440-66-6	Zinc	31		12/23/2024	2247

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

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MBHLX2

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHLR0

Matrix: SOIL Lab Sample ID: P5084-08

% Solids: 94.9 Date Received: 12/04/2024

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	4500		12/23/2024	2251
7440-36-0	Antimony	2.7	J*	12/23/2024	2251
7440-38-2	Arsenic	4.5		12/23/2024	2251
7440-39-3	Barium	34		12/23/2024	2251
7440-41-7	Beryllium	0.50		12/23/2024	2251
7440-43-9	Cadmium	0.39	J	12/23/2024	2251
7440-70-2	Calcium	93000	D	01/04/2025	0220
7440-47-3	Chromium	8.5		12/23/2024	2251
7440-48-4	Cobalt	11	*	12/23/2024	2251
7440-50-8	Copper	25	*	12/23/2024	2251
7439-89-6	Iron	14000		12/23/2024	2251
7439-92-1	Lead	9.3		12/23/2024	2251
7439-95-4	Magnesium	9900		12/23/2024	2251
7439-96-5	Manganese	660		12/23/2024	2251
7440-02-0	Nickel	15		12/23/2024	2251
7440-09-7	Potassium	730		12/23/2024	2251
7782-49-2	Selenium	4.4	*	12/23/2024	2251
7440-22-4	Silver	0.25	J*	12/23/2024	2251
7440-23-5	Sodium	420	U	12/23/2024	2251
7440-28-0	Thallium	2.1	U*	12/23/2024	2251
7440-62-2	Vanadium	11		12/23/2024	2251
7440-66-6	Zinc	32		12/23/2024	2251

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

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MBHLX3

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHLR0
 Matrix: SOIL Lab Sample ID: P5084-09
 % Solids: 76.5 Date Received: 12/04/2024
 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	8300		12/23/2024	2255
7440-36-0	Antimony	3.8	J*	12/23/2024	2255
7440-38-2	Arsenic	6.7		12/23/2024	2255
7440-39-3	Barium	65		12/23/2024	2255
7440-41-7	Beryllium	0.69		12/23/2024	2255
7440-43-9	Cadmium	0.43	J	12/23/2024	2255
7440-70-2	Calcium	4400		12/23/2024	2255
7440-47-3	Chromium	15		12/23/2024	2255
7440-48-4	Cobalt	9.4	*	12/23/2024	2255
7440-50-8	Copper	13	*	12/23/2024	2255
7439-89-6	Iron	16000		12/23/2024	2255
7439-92-1	Lead	36		12/23/2024	2255
7439-95-4	Magnesium	2800		12/23/2024	2255
7439-96-5	Manganese	570		12/23/2024	2255
7440-02-0	Nickel	22		12/23/2024	2255
7440-09-7	Potassium	910		12/23/2024	2255
7782-49-2	Selenium	8.4	*	12/23/2024	2255
7440-22-4	Silver	0.33	J*	12/23/2024	2255
7440-23-5	Sodium	460	U	12/23/2024	2255
7440-28-0	Thallium	2.3	U*	12/23/2024	2255
7440-62-2	Vanadium	18		12/23/2024	2255
7440-66-6	Zinc	58		12/23/2024	2255

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

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MBHLX4

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHLR0

Matrix: SOIL Lab Sample ID: P5084-10

% Solids: 84.7 Date Received: 12/04/2024

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		12/23/2024	2259
7440-36-0	Antimony	4.0	J*	12/23/2024	2259
7440-38-2	Arsenic	7.4		12/23/2024	2259
7440-39-3	Barium	68		12/23/2024	2259
7440-41-7	Beryllium	0.74		12/23/2024	2259
7440-43-9	Cadmium	0.45		12/23/2024	2259
7440-70-2	Calcium	3200		12/23/2024	2259
7440-47-3	Chromium	14		12/23/2024	2259
7440-48-4	Cobalt	9.7	*	12/23/2024	2259
7440-50-8	Copper	11	*	12/23/2024	2259
7439-89-6	Iron	18000		12/23/2024	2259
7439-92-1	Lead	33		12/23/2024	2259
7439-95-4	Magnesium	2600		12/23/2024	2259
7439-96-5	Manganese	800		12/23/2024	2259
7440-02-0	Nickel	20		12/23/2024	2259
7440-09-7	Potassium	640		12/23/2024	2259
7782-49-2	Selenium	10	*	12/23/2024	2259
7440-22-4	Silver	0.40	J*	12/23/2024	2259
7440-23-5	Sodium	420	U	12/23/2024	2259
7440-28-0	Thallium	2.1	U*	12/23/2024	2259
7440-62-2	Vanadium	20		12/23/2024	2259
7440-66-6	Zinc	47		12/23/2024	2259

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

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MBHLX5

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHLR0

Matrix: SOIL Lab Sample ID: P5084-11

% Solids: 90.5 Date Received: 12/04/2024

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	8600		12/23/2024	2303
7440-36-0	Antimony	3.7	J*	12/23/2024	2303
7440-38-2	Arsenic	8.1		12/23/2024	2303
7440-39-3	Barium	68		12/23/2024	2303
7440-41-7	Beryllium	0.74		12/23/2024	2303
7440-43-9	Cadmium	0.45		12/23/2024	2303
7440-70-2	Calcium	3500		12/23/2024	2303
7440-47-3	Chromium	13		12/23/2024	2303
7440-48-4	Cobalt	11	*	12/23/2024	2303
7440-50-8	Copper	14	*	12/23/2024	2303
7439-89-6	Iron	17000		12/23/2024	2303
7439-92-1	Lead	42		12/23/2024	2303
7439-95-4	Magnesium	2800		12/23/2024	2303
7439-96-5	Manganese	690		12/23/2024	2303
7440-02-0	Nickel	18		12/23/2024	2303
7440-09-7	Potassium	570		12/23/2024	2303
7782-49-2	Selenium	9.3	*	12/23/2024	2303
7440-22-4	Silver	0.39	J*	12/23/2024	2303
7440-23-5	Sodium	420	U	12/23/2024	2303
7440-28-0	Thallium	2.1	U*	12/23/2024	2303
7440-62-2	Vanadium	19		12/23/2024	2303
7440-66-6	Zinc	58		12/23/2024	2303

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHLX6

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHLR0

Matrix: SOIL Lab Sample ID: P5084-12

% Solids: 92.3 Date Received: 12/04/2024

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		12/23/2024	2306
7440-36-0	Antimony	3.3	J*	12/23/2024	2306
7440-38-2	Arsenic	8.6		12/23/2024	2306
7440-39-3	Barium	69		12/23/2024	2306
7440-41-7	Beryllium	0.60		12/23/2024	2306
7440-43-9	Cadmium	0.47		12/23/2024	2306
7440-70-2	Calcium	21000		12/23/2024	2306
7440-47-3	Chromium	11		12/23/2024	2306
7440-48-4	Cobalt	11	*	12/23/2024	2306
7440-50-8	Copper	22	*	12/23/2024	2306
7439-89-6	Iron	15000		12/23/2024	2306
7439-92-1	Lead	49		12/23/2024	2306
7439-95-4	Magnesium	4500		12/23/2024	2306
7439-96-5	Manganese	690		12/23/2024	2306
7440-02-0	Nickel	15		12/23/2024	2306
7440-09-7	Potassium	500		12/23/2024	2306
7782-49-2	Selenium	6.3	*	12/23/2024	2306
7440-22-4	Silver	0.30	J*	12/23/2024	2306
7440-23-5	Sodium	430	U	12/23/2024	2306
7440-28-0	Thallium	2.2	U*	12/23/2024	2306
7440-62-2	Vanadium	14		12/23/2024	2306
7440-66-6	Zinc	55		12/23/2024	2306

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHLX7

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHLR0

Matrix: SOIL Lab Sample ID: P5084-13

% Solids: 93.2 Date Received: 12/04/2024

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		12/23/2024	2310
7440-36-0	Antimony	2.8	J*	12/23/2024	2310
7440-38-2	Arsenic	8.7		12/23/2024	2310
7440-39-3	Barium	68		12/23/2024	2310
7440-41-7	Beryllium	0.54		12/23/2024	2310
7440-43-9	Cadmium	0.46		12/23/2024	2310
7440-70-2	Calcium	20000		12/23/2024	2310
7440-47-3	Chromium	11		12/23/2024	2310
7440-48-4	Cobalt	9.8	*	12/23/2024	2310
7440-50-8	Copper	24	*	12/23/2024	2310
7439-89-6	Iron	13000		12/23/2024	2310
7439-92-1	Lead	68		12/23/2024	2310
7439-95-4	Magnesium	4700		12/23/2024	2310
7439-96-5	Manganese	630		12/23/2024	2310
7440-02-0	Nickel	14		12/23/2024	2310
7440-09-7	Potassium	430		12/23/2024	2310
7782-49-2	Selenium	5.4	*	12/23/2024	2310
7440-22-4	Silver	0.32	J*	12/23/2024	2310
7440-23-5	Sodium	380	U	12/23/2024	2310
7440-28-0	Thallium	1.9	U*	12/23/2024	2310
7440-62-2	Vanadium	13		12/23/2024	2310
7440-66-6	Zinc	55		12/23/2024	2310

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHLX8

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHLR0

Matrix: SOIL Lab Sample ID: P5084-16

% Solids: 93.1 Date Received: 12/04/2024

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		12/23/2024	2333
7440-36-0	Antimony	3.0	J*	12/23/2024	2333
7440-38-2	Arsenic	6.7		12/23/2024	2333
7440-39-3	Barium	65		12/23/2024	2333
7440-41-7	Beryllium	0.53		12/23/2024	2333
7440-43-9	Cadmium	0.40	J	12/23/2024	2333
7440-70-2	Calcium	30000		12/23/2024	2333
7440-47-3	Chromium	8.5		12/23/2024	2333
7440-48-4	Cobalt	10	*	12/23/2024	2333
7440-50-8	Copper	22	*	12/23/2024	2333
7439-89-6	Iron	14000		12/23/2024	2333
7439-92-1	Lead	45		12/23/2024	2333
7439-95-4	Magnesium	5600		12/23/2024	2333
7439-96-5	Manganese	700		12/23/2024	2333
7440-02-0	Nickel	14		12/23/2024	2333
7440-09-7	Potassium	440		12/23/2024	2333
7782-49-2	Selenium	5.3	*	12/23/2024	2333
7440-22-4	Silver	0.17	J*	12/23/2024	2333
7440-23-5	Sodium	430	U	12/23/2024	2333
7440-28-0	Thallium	2.2	U*	12/23/2024	2333
7440-62-2	Vanadium	13		12/23/2024	2333
7440-66-6	Zinc	46		12/23/2024	2333

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHLX9

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHLR0

Matrix: SOIL Lab Sample ID: P5084-17

% Solids: 92.8 Date Received: 12/04/2024

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		12/23/2024	2337
7440-36-0	Antimony	2.3	J*	12/23/2024	2337
7440-38-2	Arsenic	5.2		12/23/2024	2337
7440-39-3	Barium	55		12/23/2024	2337
7440-41-7	Beryllium	0.49		12/23/2024	2337
7440-43-9	Cadmium	0.35	J	12/23/2024	2337
7440-70-2	Calcium	37000		12/23/2024	2337
7440-47-3	Chromium	7.4		12/23/2024	2337
7440-48-4	Cobalt	9.6	*	12/23/2024	2337
7440-50-8	Copper	19	*	12/23/2024	2337
7439-89-6	Iron	12000		12/23/2024	2337
7439-92-1	Lead	17		12/23/2024	2337
7439-95-4	Magnesium	8200		12/23/2024	2337
7439-96-5	Manganese	640		12/23/2024	2337
7440-02-0	Nickel	12		12/23/2024	2337
7440-09-7	Potassium	400	J	12/23/2024	2337
7782-49-2	Selenium	4.4	*	12/23/2024	2337
7440-22-4	Silver	0.84	U*	12/23/2024	2337
7440-23-5	Sodium	420	U	12/23/2024	2337
7440-28-0	Thallium	2.1	U*	12/23/2024	2337
7440-62-2	Vanadium	12		12/23/2024	2337
7440-66-6	Zinc	32		12/23/2024	2337

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHM32

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHLR0

Matrix: SOIL Lab Sample ID: P5084-18

% Solids: 93.8 Date Received: 12/04/2024

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	4200		12/23/2024	2341
7440-36-0	Antimony	2.5	J*	12/23/2024	2341
7440-38-2	Arsenic	5.7		12/23/2024	2341
7440-39-3	Barium	42		12/23/2024	2341
7440-41-7	Beryllium	0.50		12/23/2024	2341
7440-43-9	Cadmium	0.46		12/23/2024	2341
7440-70-2	Calcium	92000	D	01/04/2025	0224
7440-47-3	Chromium	8.3		12/23/2024	2341
7440-48-4	Cobalt	11	*	12/23/2024	2341
7440-50-8	Copper	20	*	12/23/2024	2341
7439-89-6	Iron	13000		12/23/2024	2341
7439-92-1	Lead	20		12/23/2024	2341
7439-95-4	Magnesium	8400		12/23/2024	2341
7439-96-5	Manganese	720		12/23/2024	2341
7440-02-0	Nickel	16		12/23/2024	2341
7440-09-7	Potassium	680		12/23/2024	2341
7782-49-2	Selenium	4.4	*	12/23/2024	2341
7440-22-4	Silver	0.78	U*	12/23/2024	2341
7440-23-5	Sodium	390	U	12/23/2024	2341
7440-28-0	Thallium	2.0	U*	12/23/2024	2341
7440-62-2	Vanadium	11		12/23/2024	2341
7440-66-6	Zinc	39		12/23/2024	2341

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHM33

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHLR0

Matrix: SOIL Lab Sample ID: P5084-19

% Solids: 74.3 Date Received: 12/04/2024

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		12/23/2024	2345
7440-36-0	Antimony	3.5	J*	12/23/2024	2345
7440-38-2	Arsenic	13		12/23/2024	2345
7440-39-3	Barium	110		12/23/2024	2345
7440-41-7	Beryllium	0.69		12/23/2024	2345
7440-43-9	Cadmium	0.81		12/23/2024	2345
7440-70-2	Calcium	6700		12/23/2024	2345
7440-47-3	Chromium	15		12/23/2024	2345
7440-48-4	Cobalt	10	*	12/23/2024	2345
7440-50-8	Copper	32	*	12/23/2024	2345
7439-89-6	Iron	16000		12/23/2024	2345
7439-92-1	Lead	160		12/23/2024	2345
7439-95-4	Magnesium	2900		12/23/2024	2345
7439-96-5	Manganese	880		12/23/2024	2345
7440-02-0	Nickel	18		12/23/2024	2345
7440-09-7	Potassium	450	J	12/23/2024	2345
7782-49-2	Selenium	8.2	*	12/23/2024	2345
7440-22-4	Silver	0.45	J*	12/23/2024	2345
7440-23-5	Sodium	480	U	12/23/2024	2345
7440-28-0	Thallium	2.4	U*	12/23/2024	2345
7440-62-2	Vanadium	18		12/23/2024	2345
7440-66-6	Zinc	150		12/23/2024	2345

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

Comments: