

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHL70

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHL70

Matrix: SOIL Lab Sample ID: P5059-01

% Solids: 69.9 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		12/18/2024	2244
7440-36-0	Antimony	2.8	J	12/18/2024	2244
7440-38-2	Arsenic	11		12/18/2024	2244
7440-39-3	Barium	130		12/18/2024	2244
7440-41-7	Beryllium	0.82		12/18/2024	2244
7440-43-9	Cadmium	0.71		12/18/2024	2244
7440-70-2	Calcium	13000		12/18/2024	2244
7440-47-3	Chromium	17		12/18/2024	2244
7440-48-4	Cobalt	13	*	12/18/2024	2244
7440-50-8	Copper	32		12/18/2024	2244
7439-89-6	Iron	18000		12/18/2024	2244
7439-92-1	Lead	210		12/18/2024	2244
7439-95-4	Magnesium	5100		12/18/2024	2244
7439-96-5	Manganese	900		12/18/2024	2244
7440-02-0	Nickel	20		12/18/2024	2244
7440-09-7	Potassium	690		12/18/2024	2244
7782-49-2	Selenium	7.8		12/18/2024	2244
7440-22-4	Silver	0.74	J*	12/18/2024	2244
7440-23-5	Sodium	160	J	12/18/2024	2244
7440-28-0	Thallium	2.7	U*	12/18/2024	2244
7440-62-2	Vanadium	21		12/18/2024	2244
7440-66-6	Zinc	150	*	12/18/2024	2244

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

Comments:

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MBHL71

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHL70

Matrix: SOIL Lab Sample ID: P5059-02

% Solids: 74.8 Date Received: 12/03/2024

Analytical Method: ICP_AES

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	8300		12/18/2024	2248
7440-36-0	Antimony	3.7	J	12/18/2024	2248
7440-38-2	Arsenic	13		12/18/2024	2248
7440-39-3	Barium	140		12/18/2024	2248
7440-41-7	Beryllium	0.92		12/18/2024	2248
7440-43-9	Cadmium	0.87		12/18/2024	2248
7440-70-2	Calcium	12000		12/18/2024	2248
7440-47-3	Chromium	17		12/18/2024	2248
7440-48-4	Cobalt	13	*	12/18/2024	2248
7440-50-8	Copper	33		12/18/2024	2248
7439-89-6	Iron	21000		12/18/2024	2248
7439-92-1	Lead	230		12/18/2024	2248
7439-95-4	Magnesium	4800		12/18/2024	2248
7439-96-5	Manganese	920		12/18/2024	2248
7440-02-0	Nickel	23		12/18/2024	2248
7440-09-7	Potassium	700		12/18/2024	2248
7782-49-2	Selenium	9.7		12/18/2024	2248
7440-22-4	Silver	0.77	J*	12/18/2024	2248
7440-23-5	Sodium	180	J	12/18/2024	2248
7440-28-0	Thallium	2.4	U*	12/18/2024	2248
7440-62-2	Vanadium	22		12/18/2024	2248
7440-66-6	Zinc	160	*	12/18/2024	2248

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

Comments:

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MBHL72

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHL70

Matrix: SOIL Lab Sample ID: P5059-03

% Solids: 77.1 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	8100		12/18/2024	2252
7440-36-0	Antimony	2.7	J	12/18/2024	2252
7440-38-2	Arsenic	12		12/18/2024	2252
7440-39-3	Barium	150		12/18/2024	2252
7440-41-7	Beryllium	0.90		12/18/2024	2252
7440-43-9	Cadmium	1.1		12/18/2024	2252
7440-70-2	Calcium	24000		12/18/2024	2252
7440-47-3	Chromium	18		12/18/2024	2252
7440-48-4	Cobalt	13	*	12/18/2024	2252
7440-50-8	Copper	40		12/18/2024	2252
7439-89-6	Iron	18000		12/18/2024	2252
7439-92-1	Lead	290		12/18/2024	2252
7439-95-4	Magnesium	11000		12/18/2024	2252
7439-96-5	Manganese	950		12/18/2024	2252
7440-02-0	Nickel	24		12/18/2024	2252
7440-09-7	Potassium	770		12/18/2024	2252
7782-49-2	Selenium	7.5		12/18/2024	2252
7440-22-4	Silver	0.88	J*	12/18/2024	2252
7440-23-5	Sodium	150	J	12/18/2024	2252
7440-28-0	Thallium	2.3	U*	12/18/2024	2252
7440-62-2	Vanadium	20		12/18/2024	2252
7440-66-6	Zinc	190	*	12/18/2024	2252

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

Comments:

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MBHL73

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHL70

Matrix: SOIL Lab Sample ID: P5059-04

% Solids: 80.3 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	7700		12/18/2024	2255
7440-36-0	Antimony	2.5	J	12/18/2024	2255
7440-38-2	Arsenic	18		12/18/2024	2255
7440-39-3	Barium	170		12/18/2024	2255
7440-41-7	Beryllium	0.94		12/18/2024	2255
7440-43-9	Cadmium	1.1		12/18/2024	2255
7440-70-2	Calcium	27000		12/18/2024	2255
7440-47-3	Chromium	39		12/18/2024	2255
7440-48-4	Cobalt	15	*	12/18/2024	2255
7440-50-8	Copper	49		12/18/2024	2255
7439-89-6	Iron	19000		12/18/2024	2255
7439-92-1	Lead	2600		12/18/2024	2255
7439-95-4	Magnesium	4800		12/18/2024	2255
7439-96-5	Manganese	1100		12/18/2024	2255
7440-02-0	Nickel	30		12/18/2024	2255
7440-09-7	Potassium	720		12/18/2024	2255
7782-49-2	Selenium	7.9		12/18/2024	2255
7440-22-4	Silver	1.2	*	12/18/2024	2255
7440-23-5	Sodium	200	J	12/18/2024	2255
7440-28-0	Thallium	2.6	U*	12/18/2024	2255
7440-62-2	Vanadium	22		12/18/2024	2255
7440-66-6	Zinc	180	*	12/18/2024	2255

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

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MBHL74

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHL70

Matrix: SOIL Lab Sample ID: P5059-05

% 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	7400		12/18/2024	2259
7440-36-0	Antimony	2.4	J	12/18/2024	2259
7440-38-2	Arsenic	15		12/18/2024	2259
7440-39-3	Barium	160		12/18/2024	2259
7440-41-7	Beryllium	0.82		12/18/2024	2259
7440-43-9	Cadmium	0.71		12/18/2024	2259
7440-70-2	Calcium	28000		12/18/2024	2259
7440-47-3	Chromium	17		12/18/2024	2259
7440-48-4	Cobalt	14	*	12/18/2024	2259
7440-50-8	Copper	36		12/18/2024	2259
7439-89-6	Iron	17000		12/18/2024	2259
7439-92-1	Lead	180		12/18/2024	2259
7439-95-4	Magnesium	4500		12/18/2024	2259
7439-96-5	Manganese	1100		12/18/2024	2259
7440-02-0	Nickel	18		12/18/2024	2259
7440-09-7	Potassium	710		12/18/2024	2259
7782-49-2	Selenium	6.8		12/18/2024	2259
7440-22-4	Silver	0.99	*	12/18/2024	2259
7440-23-5	Sodium	190	J	12/18/2024	2259
7440-28-0	Thallium	2.4	U*	12/18/2024	2259
7440-62-2	Vanadium	20		12/18/2024	2259
7440-66-6	Zinc	110	*	12/18/2024	2259

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

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MBHL75

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHL70

Matrix: SOIL Lab Sample ID: P5059-06

% Solids: 76.1 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	8000		12/18/2024	2303
7440-36-0	Antimony	3.0	J	12/18/2024	2303
7440-38-2	Arsenic	13		12/18/2024	2303
7440-39-3	Barium	160		12/18/2024	2303
7440-41-7	Beryllium	0.87		12/18/2024	2303
7440-43-9	Cadmium	0.77		12/18/2024	2303
7440-70-2	Calcium	12000		12/18/2024	2303
7440-47-3	Chromium	12		12/18/2024	2303
7440-48-4	Cobalt	13	*	12/18/2024	2303
7440-50-8	Copper	21		12/18/2024	2303
7439-89-6	Iron	18000		12/18/2024	2303
7439-92-1	Lead	69		12/18/2024	2303
7439-95-4	Magnesium	2700		12/18/2024	2303
7439-96-5	Manganese	1400		12/18/2024	2303
7440-02-0	Nickel	16		12/18/2024	2303
7440-09-7	Potassium	660		12/18/2024	2303
7782-49-2	Selenium	8.2		12/18/2024	2303
7440-22-4	Silver	0.80	J*	12/18/2024	2303
7440-23-5	Sodium	240	J	12/18/2024	2303
7440-28-0	Thallium	2.4	U*	12/18/2024	2303
7440-62-2	Vanadium	18		12/18/2024	2303
7440-66-6	Zinc	76	*	12/18/2024	2303

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

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MBHL76

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHL70

Matrix: SOIL Lab Sample ID: P5059-07

% Solids: 78 Date Received: 12/03/2024

Analytical Method: ICP_AES

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	6400		12/18/2024	2307
7440-36-0	Antimony	1.8	J	12/18/2024	2307
7440-38-2	Arsenic	10		12/18/2024	2307
7440-39-3	Barium	100		12/18/2024	2307
7440-41-7	Beryllium	0.71		12/18/2024	2307
7440-43-9	Cadmium	0.51		12/18/2024	2307
7440-70-2	Calcium	60000		12/18/2024	2307
7440-47-3	Chromium	10		12/18/2024	2307
7440-48-4	Cobalt	12	*	12/18/2024	2307
7440-50-8	Copper	19		12/18/2024	2307
7439-89-6	Iron	16000		12/18/2024	2307
7439-92-1	Lead	66		12/18/2024	2307
7439-95-4	Magnesium	7900		12/18/2024	2307
7439-96-5	Manganese	870		12/18/2024	2307
7440-02-0	Nickel	15		12/18/2024	2307
7440-09-7	Potassium	620		12/18/2024	2307
7782-49-2	Selenium	5.4		12/18/2024	2307
7440-22-4	Silver	0.56	J*	12/18/2024	2307
7440-23-5	Sodium	110	J	12/18/2024	2307
7440-28-0	Thallium	2.3	U*	12/18/2024	2307
7440-62-2	Vanadium	15		12/18/2024	2307
7440-66-6	Zinc	62	*	12/18/2024	2307

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

Comments:

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MBHL91

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHL70

Matrix: SOIL Lab Sample ID: P5059-08

% Solids: 71.2 Date Received: 12/03/2024

Analytical Method: ICP_AES

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	7100		12/18/2024	2311
7440-36-0	Antimony	3.3	J	12/18/2024	2311
7440-38-2	Arsenic	11		12/18/2024	2311
7440-39-3	Barium	180		12/18/2024	2311
7440-41-7	Beryllium	0.84		12/18/2024	2311
7440-43-9	Cadmium	0.87		12/18/2024	2311
7440-70-2	Calcium	6700		12/18/2024	2311
7440-47-3	Chromium	30		12/18/2024	2311
7440-48-4	Cobalt	11	*	12/18/2024	2311
7440-50-8	Copper	33		12/18/2024	2311
7439-89-6	Iron	18000		12/18/2024	2311
7439-92-1	Lead	260		12/18/2024	2311
7439-95-4	Magnesium	2800		12/18/2024	2311
7439-96-5	Manganese	790		12/18/2024	2311
7440-02-0	Nickel	19		12/18/2024	2311
7440-09-7	Potassium	1200		12/18/2024	2311
7782-49-2	Selenium	8.2		12/18/2024	2311
7440-22-4	Silver	0.85	J*	12/18/2024	2311
7440-23-5	Sodium	210	J	12/18/2024	2311
7440-28-0	Thallium	2.9	U*	12/18/2024	2311
7440-62-2	Vanadium	19		12/18/2024	2311
7440-66-6	Zinc	140	*	12/18/2024	2311

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

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MBHL92

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHL70

Matrix: SOIL Lab Sample ID: P5059-09

% Solids: 76.3 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	6600		12/18/2024	2322
7440-36-0	Antimony	3.0	J	12/18/2024	2322
7440-38-2	Arsenic	11		12/18/2024	2322
7440-39-3	Barium	180		12/18/2024	2322
7440-41-7	Beryllium	0.77		12/18/2024	2322
7440-43-9	Cadmium	0.78		12/18/2024	2322
7440-70-2	Calcium	5100		12/18/2024	2322
7440-47-3	Chromium	25		12/18/2024	2322
7440-48-4	Cobalt	9.6	*	12/18/2024	2322
7440-50-8	Copper	29		12/18/2024	2322
7439-89-6	Iron	16000		12/18/2024	2322
7439-92-1	Lead	270		12/18/2024	2322
7439-95-4	Magnesium	2300		12/18/2024	2322
7439-96-5	Manganese	700		12/18/2024	2322
7440-02-0	Nickel	17		12/18/2024	2322
7440-09-7	Potassium	870		12/18/2024	2322
7782-49-2	Selenium	8.1		12/18/2024	2322
7440-22-4	Silver	0.80	J*	12/18/2024	2322
7440-23-5	Sodium	200	J	12/18/2024	2322
7440-28-0	Thallium	2.7	U*	12/18/2024	2322
7440-62-2	Vanadium	17		12/18/2024	2322
7440-66-6	Zinc	120	*	12/18/2024	2322

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

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MBHL93

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHL70

Matrix: SOIL Lab Sample ID: P5059-10

% Solids: 80.4 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	6800		12/18/2024	2326
7440-36-0	Antimony	3.1	J	12/18/2024	2326
7440-38-2	Arsenic	12		12/18/2024	2326
7440-39-3	Barium	180		12/18/2024	2326
7440-41-7	Beryllium	0.80		12/18/2024	2326
7440-43-9	Cadmium	0.62		12/18/2024	2326
7440-70-2	Calcium	3500		12/18/2024	2326
7440-47-3	Chromium	19		12/18/2024	2326
7440-48-4	Cobalt	9.3	*	12/18/2024	2326
7440-50-8	Copper	24		12/18/2024	2326
7439-89-6	Iron	16000		12/18/2024	2326
7439-92-1	Lead	260		12/18/2024	2326
7439-95-4	Magnesium	2000		12/18/2024	2326
7439-96-5	Manganese	600		12/18/2024	2326
7440-02-0	Nickel	15		12/18/2024	2326
7440-09-7	Potassium	810		12/18/2024	2326
7782-49-2	Selenium	8.1		12/18/2024	2326
7440-22-4	Silver	0.73	J*	12/18/2024	2326
7440-23-5	Sodium	200	J	12/18/2024	2326
7440-28-0	Thallium	2.4	U*	12/18/2024	2326
7440-62-2	Vanadium	17		12/18/2024	2326
7440-66-6	Zinc	97	*	12/18/2024	2326

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

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MBHLC1

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHL70

Matrix: SOIL Lab Sample ID: P5059-11

% Solids: 80.1 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	6500		12/18/2024	2330
7440-36-0	Antimony	2.3	J	12/18/2024	2330
7440-38-2	Arsenic	12		12/18/2024	2330
7440-39-3	Barium	99		12/18/2024	2330
7440-41-7	Beryllium	0.73		12/18/2024	2330
7440-43-9	Cadmium	0.58		12/18/2024	2330
7440-70-2	Calcium	15000		12/18/2024	2330
7440-47-3	Chromium	14		12/18/2024	2330
7440-48-4	Cobalt	11	*	12/18/2024	2330
7440-50-8	Copper	23		12/18/2024	2330
7439-89-6	Iron	16000		12/18/2024	2330
7439-92-1	Lead	180		12/18/2024	2330
7439-95-4	Magnesium	3700		12/18/2024	2330
7439-96-5	Manganese	660		12/18/2024	2330
7440-02-0	Nickel	15		12/18/2024	2330
7440-09-7	Potassium	280	J	12/18/2024	2330
7782-49-2	Selenium	6.4		12/18/2024	2330
7440-22-4	Silver	0.59	J*	12/18/2024	2330
7440-23-5	Sodium	220	J	12/18/2024	2330
7440-28-0	Thallium	2.5	U*	12/18/2024	2330
7440-62-2	Vanadium	17		12/18/2024	2330
7440-66-6	Zinc	95	*	12/18/2024	2330

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHLC2

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHL70

Matrix: SOIL Lab Sample ID: P5059-12

% 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	6700		12/18/2024	2334
7440-36-0	Antimony	2.9	J	12/18/2024	2334
7440-38-2	Arsenic	5.9		12/18/2024	2334
7440-39-3	Barium	71		12/18/2024	2334
7440-41-7	Beryllium	0.64		12/18/2024	2334
7440-43-9	Cadmium	0.18	J	12/18/2024	2334
7440-70-2	Calcium	1900		12/18/2024	2334
7440-47-3	Chromium	8.0		12/18/2024	2334
7440-48-4	Cobalt	6.8	*	12/18/2024	2334
7440-50-8	Copper	6.0		12/18/2024	2334
7439-89-6	Iron	15000		12/18/2024	2334
7439-92-1	Lead	15		12/18/2024	2334
7439-95-4	Magnesium	1500		12/18/2024	2334
7439-96-5	Manganese	290		12/18/2024	2334
7440-02-0	Nickel	8.2		12/18/2024	2334
7440-09-7	Potassium	440	U	12/18/2024	2334
7782-49-2	Selenium	7.3		12/18/2024	2334
7440-22-4	Silver	0.36	J*	12/18/2024	2334
7440-23-5	Sodium	120	J	12/18/2024	2334
7440-28-0	Thallium	2.2	U*	12/18/2024	2334
7440-62-2	Vanadium	18		12/18/2024	2334
7440-66-6	Zinc	28	*	12/18/2024	2334

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHLC3

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHL70
 Matrix: SOIL Lab Sample ID: P5059-13
 % 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	6600		12/18/2024	2338
7440-36-0	Antimony	2.8	J	12/18/2024	2338
7440-38-2	Arsenic	4.5		12/18/2024	2338
7440-39-3	Barium	66		12/18/2024	2338
7440-41-7	Beryllium	0.60		12/18/2024	2338
7440-43-9	Cadmium	0.14	J	12/18/2024	2338
7440-70-2	Calcium	1500		12/18/2024	2338
7440-47-3	Chromium	7.5		12/18/2024	2338
7440-48-4	Cobalt	5.6	*	12/18/2024	2338
7440-50-8	Copper	4.2		12/18/2024	2338
7439-89-6	Iron	13000		12/18/2024	2338
7439-92-1	Lead	11		12/18/2024	2338
7439-95-4	Magnesium	1400		12/18/2024	2338
7439-96-5	Manganese	200		12/18/2024	2338
7440-02-0	Nickel	7.2		12/18/2024	2338
7440-09-7	Potassium	430	U	12/18/2024	2338
7782-49-2	Selenium	6.7		12/18/2024	2338
7440-22-4	Silver	0.35	J*	12/18/2024	2338
7440-23-5	Sodium	140	J	12/18/2024	2338
7440-28-0	Thallium	2.1	U*	12/18/2024	2338
7440-62-2	Vanadium	16		12/18/2024	2338
7440-66-6	Zinc	25	*	12/18/2024	2338

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHLC4

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHL70

Matrix: SOIL Lab Sample ID: P5059-14

% Solids: 85.8 Date Received: 12/03/2024

Analytical Method: ICP_AES

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	5500		12/18/2024	2341
7440-36-0	Antimony	2.1	J	12/18/2024	2341
7440-38-2	Arsenic	5.4		12/18/2024	2341
7440-39-3	Barium	67		12/18/2024	2341
7440-41-7	Beryllium	0.57		12/18/2024	2341
7440-43-9	Cadmium	0.25	J	12/18/2024	2341
7440-70-2	Calcium	6100		12/18/2024	2341
7440-47-3	Chromium	7.4		12/18/2024	2341
7440-48-4	Cobalt	8.8	*	12/18/2024	2341
7440-50-8	Copper	8.1		12/18/2024	2341
7439-89-6	Iron	14000		12/18/2024	2341
7439-92-1	Lead	14		12/18/2024	2341
7439-95-4	Magnesium	2700		12/18/2024	2341
7439-96-5	Manganese	650		12/18/2024	2341
7440-02-0	Nickel	10		12/18/2024	2341
7440-09-7	Potassium	60	J	12/18/2024	2341
7782-49-2	Selenium	6.0		12/18/2024	2341
7440-22-4	Silver	0.43	J*	12/18/2024	2341
7440-23-5	Sodium	130	J	12/18/2024	2341
7440-28-0	Thallium	2.3	U*	12/18/2024	2341
7440-62-2	Vanadium	15		12/18/2024	2341
7440-66-6	Zinc	30	*	12/18/2024	2341

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHLC5

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHL70
 Matrix: SOIL Lab Sample ID: P5059-17
 % Solids: 83.4 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	4500		12/19/2024	0350
7440-36-0	Antimony	1.3	J	12/19/2024	0350
7440-38-2	Arsenic	4.6		12/19/2024	0350
7440-39-3	Barium	75		12/19/2024	0350
7440-41-7	Beryllium	0.49		12/19/2024	0350
7440-43-9	Cadmium	0.35	J	12/19/2024	0350
7440-70-2	Calcium	40000		12/19/2024	0350
7440-47-3	Chromium	7.8		12/19/2024	0350
7440-48-4	Cobalt	11	*	12/19/2024	0350
7440-50-8	Copper	8.0		12/19/2024	0350
7439-89-6	Iron	13000		12/19/2024	0350
7439-92-1	Lead	14		12/19/2024	0350
7439-95-4	Magnesium	11000		12/19/2024	0350
7439-96-5	Manganese	980		12/19/2024	0350
7440-02-0	Nickel	16		12/19/2024	0350
7440-09-7	Potassium	520		12/19/2024	0350
7782-49-2	Selenium	4.6		12/19/2024	0350
7440-22-4	Silver	0.57	J*	12/19/2024	0350
7440-23-5	Sodium	160	J	12/19/2024	0350
7440-28-0	Thallium	2.2	U*	12/19/2024	0350
7440-62-2	Vanadium	12		12/19/2024	0350
7440-66-6	Zinc	30	*	12/19/2024	0350

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHLD5

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHL70

Matrix: SOIL Lab Sample ID: P5059-18

% Solids: 81.6 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	8200		12/19/2024	0354
7440-36-0	Antimony	2.7	J	12/19/2024	0354
7440-38-2	Arsenic	14		12/19/2024	0354
7440-39-3	Barium	160		12/19/2024	0354
7440-41-7	Beryllium	0.80		12/19/2024	0354
7440-43-9	Cadmium	0.84		12/19/2024	0354
7440-70-2	Calcium	33000		12/19/2024	0354
7440-47-3	Chromium	10		12/19/2024	0354
7440-48-4	Cobalt	15	*	12/19/2024	0354
7440-50-8	Copper	17		12/19/2024	0354
7439-89-6	Iron	19000		12/19/2024	0354
7439-92-1	Lead	51		12/19/2024	0354
7439-95-4	Magnesium	5900		12/19/2024	0354
7439-96-5	Manganese	1600		12/19/2024	0354
7440-02-0	Nickel	17		12/19/2024	0354
7440-09-7	Potassium	890		12/19/2024	0354
7782-49-2	Selenium	8.2		12/19/2024	0354
7440-22-4	Silver	0.98	*	12/19/2024	0354
7440-23-5	Sodium	160	J	12/19/2024	0354
7440-28-0	Thallium	2.3	U*	12/19/2024	0354
7440-62-2	Vanadium	19		12/19/2024	0354
7440-66-6	Zinc	74	*	12/19/2024	0354

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHLD6

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHL70

Matrix: SOIL Lab Sample ID: P5059-19

% Solids: 83.2 Date Received: 12/03/2024

Analytical Method: ICP_AES

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	4000		12/19/2024	0358
7440-36-0	Antimony	1.5	J	12/19/2024	0358
7440-38-2	Arsenic	6.2		12/19/2024	0358
7440-39-3	Barium	97		12/19/2024	0358
7440-41-7	Beryllium	0.42		12/19/2024	0358
7440-43-9	Cadmium	0.49		12/19/2024	0358
7440-70-2	Calcium	24000		12/19/2024	0358
7440-47-3	Chromium	6.9		12/19/2024	0358
7440-48-4	Cobalt	9.0	*	12/19/2024	0358
7440-50-8	Copper	13		12/19/2024	0358
7439-89-6	Iron	13000		12/19/2024	0358
7439-92-1	Lead	26		12/19/2024	0358
7439-95-4	Magnesium	4800		12/19/2024	0358
7439-96-5	Manganese	1200		12/19/2024	0358
7440-02-0	Nickel	13		12/19/2024	0358
7440-09-7	Potassium	380	J	12/19/2024	0358
7782-49-2	Selenium	4.9		12/19/2024	0358
7440-22-4	Silver	0.66	J*	12/19/2024	0358
7440-23-5	Sodium	79	J	12/19/2024	0358
7440-28-0	Thallium	2.0	U*	12/19/2024	0358
7440-62-2	Vanadium	12		12/19/2024	0358
7440-66-6	Zinc	55	*	12/19/2024	0358

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHLD7

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHL70
 Matrix: Water Lab Sample ID: P5059-20
 % Solids: Date Received: 12/03/2024
 Analytical Method: ICP_AES
 Concentration Units ($\mu\text{g/L}$, mg/L , mg/kg dry weight, μg , or $\mu\text{g/cm}^2$): ug/L

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	51	J	12/24/2024	0149
7440-36-0	Antimony	60	U	12/24/2024	0149
7440-38-2	Arsenic	10	U	12/24/2024	0149
7440-39-3	Barium	200	U	12/24/2024	0149
7440-41-7	Beryllium	5.0	U	12/24/2024	0149
7440-43-9	Cadmium	5.0	U	12/24/2024	0149
7440-70-2	Calcium	5000	U	12/24/2024	0149
7440-47-3	Chromium	10	U	12/24/2024	0149
7440-48-4	Cobalt	50	U	12/24/2024	0149
7440-50-8	Copper	25	U	12/24/2024	0149
7439-89-6	Iron	30	J	12/24/2024	0149
7439-92-1	Lead	10	U	12/24/2024	0149
7439-95-4	Magnesium	5000	U	12/24/2024	0149
7439-96-5	Manganese	2.7	J	12/24/2024	0149
7440-02-0	Nickel	2.7	J	12/24/2024	0149
7440-09-7	Potassium	5000	U	12/24/2024	0149
7782-49-2	Selenium	35	U	12/24/2024	0149
7440-22-4	Silver	10	U	12/24/2024	0149
7440-23-5	Sodium	5000	U	12/24/2024	0149
7440-28-0	Thallium	25	U	12/24/2024	0149
7440-62-2	Vanadium	9.5	J	12/24/2024	0149
7440-66-6	Zinc	60	U	12/24/2024	0149

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

Comments:

