

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHJ66

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJ66

Matrix: SOIL Lab Sample ID: P4979-01

% Solids: 91.5 Date Received: 11/23/2024

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	*	12/14/2024	2219
7440-36-0	Antimony	0.99	J*	12/14/2024	2219
7440-38-2	Arsenic	7.6		12/14/2024	2219
7440-39-3	Barium	80	*	12/14/2024	2219
7440-41-7	Beryllium	0.48	J*	12/14/2024	2219
7440-43-9	Cadmium	0.54		12/14/2024	2219
7440-70-2	Calcium	36000	*	12/14/2024	2219
7440-47-3	Chromium	8.1	*	12/14/2024	2219
7440-48-4	Cobalt	11		12/14/2024	2219
7440-50-8	Copper	19	*	12/14/2024	2219
7439-89-6	Iron	12000	*	12/14/2024	2219
7439-92-1	Lead	85		12/14/2024	2219
7439-95-4	Magnesium	3100	*	12/14/2024	2219
7439-96-5	Manganese	1500		12/14/2024	2219
7440-02-0	Nickel	16		12/14/2024	2219
7440-09-7	Potassium	530		12/14/2024	2219
7782-49-2	Selenium	3.5	U*	12/14/2024	2219
7440-22-4	Silver	0.99	U*	12/14/2024	2219
7440-23-5	Sodium	500	U	12/14/2024	2219
7440-28-0	Thallium	3.5		12/14/2024	2219
7440-62-2	Vanadium	13		12/14/2024	2219
7440-66-6	Zinc	41	*	12/14/2024	2219

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

Comments:

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MBHJ67

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJ66

Matrix: SOIL Lab Sample ID: P4979-02

% Solids: 89 Date Received: 11/23/2024

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	*	12/14/2024	2223
7440-36-0	Antimony	1.4	J*	12/14/2024	2223
7440-38-2	Arsenic	8.2		12/14/2024	2223
7440-39-3	Barium	87	*	12/14/2024	2223
7440-41-7	Beryllium	0.49	*	12/14/2024	2223
7440-43-9	Cadmium	0.59		12/14/2024	2223
7440-70-2	Calcium	36000	*	12/14/2024	2223
7440-47-3	Chromium	7.9	*	12/14/2024	2223
7440-48-4	Cobalt	12		12/14/2024	2223
7440-50-8	Copper	16	*	12/14/2024	2223
7439-89-6	Iron	15000	*	12/14/2024	2223
7439-92-1	Lead	57		12/14/2024	2223
7439-95-4	Magnesium	2400	*	12/14/2024	2223
7439-96-5	Manganese	2300		12/14/2024	2223
7440-02-0	Nickel	15		12/14/2024	2223
7440-09-7	Potassium	350	J	12/14/2024	2223
7782-49-2	Selenium	3.5	U*	12/14/2024	2223
7440-22-4	Silver	0.99	U*	12/14/2024	2223
7440-23-5	Sodium	490	U	12/14/2024	2223
7440-28-0	Thallium	4.5		12/14/2024	2223
7440-62-2	Vanadium	13		12/14/2024	2223
7440-66-6	Zinc	31	*	12/14/2024	2223

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

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MBHJ68

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJ66

Matrix: SOIL Lab Sample ID: P4979-03

% Solids: 87.7 Date Received: 11/23/2024

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	*	12/14/2024	1624
7440-36-0	Antimony	2.2	J*	12/14/2024	1624
7440-38-2	Arsenic	5.4		12/14/2024	1624
7440-39-3	Barium	110	*	12/14/2024	1624
7440-41-7	Beryllium	0.48	J*	12/14/2024	1624
7440-43-9	Cadmium	0.86		12/14/2024	1624
7440-70-2	Calcium	7800	*	12/14/2024	1624
7440-47-3	Chromium	8.3	*	12/14/2024	1624
7440-48-4	Cobalt	14		12/14/2024	1624
7440-50-8	Copper	11	*	12/14/2024	1624
7439-89-6	Iron	16000	*	12/14/2024	1624
7439-92-1	Lead	35		12/14/2024	1624
7439-95-4	Magnesium	1700	*	12/14/2024	1624
7439-96-5	Manganese	3700	D	12/21/2024	0706
7440-02-0	Nickel	16		12/14/2024	1624
7440-09-7	Potassium	270	J	12/14/2024	1624
7782-49-2	Selenium	2.5	J*	12/14/2024	1624
7440-22-4	Silver	1.0	U*	12/14/2024	1624
7440-23-5	Sodium	510	U	12/14/2024	1624
7440-28-0	Thallium	5.1		12/14/2024	1624
7440-62-2	Vanadium	15		12/14/2024	1624
7440-66-6	Zinc	27	*	12/14/2024	1624

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

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EPA SAMPLE NO.

MBHJ69

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJ66
 Matrix: SOIL Lab Sample ID: P4979-06
 % Solids: 90.3 Date Received: 11/23/2024
 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	6200	*	12/14/2024	2227
7440-36-0	Antimony	1.3	J*	12/14/2024	2227
7440-38-2	Arsenic	4.8		12/14/2024	2227
7440-39-3	Barium	80	*	12/14/2024	2227
7440-41-7	Beryllium	0.40	J*	12/14/2024	2227
7440-43-9	Cadmium	0.62		12/14/2024	2227
7440-70-2	Calcium	84000	D*	12/21/2024	0722
7440-47-3	Chromium	6.9	*	12/14/2024	2227
7440-48-4	Cobalt	13		12/14/2024	2227
7440-50-8	Copper	13	*	12/14/2024	2227
7439-89-6	Iron	15000	*	12/14/2024	2227
7439-92-1	Lead	29		12/14/2024	2227
7439-95-4	Magnesium	2200	*	12/14/2024	2227
7439-96-5	Manganese	2500		12/14/2024	2227
7440-02-0	Nickel	15		12/14/2024	2227
7440-09-7	Potassium	280	J	12/14/2024	2227
7782-49-2	Selenium	3.2	U*	12/14/2024	2227
7440-22-4	Silver	0.92	U*	12/14/2024	2227
7440-23-5	Sodium	460	U	12/14/2024	2227
7440-28-0	Thallium	5.2		12/14/2024	2227
7440-62-2	Vanadium	15		12/14/2024	2227
7440-66-6	Zinc	22	*	12/14/2024	2227

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

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MBHJ91

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJ66

Matrix: SOIL Lab Sample ID: P4979-07

% Solids: 87.3 Date Received: 11/23/2024

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	*	12/14/2024	2231
7440-36-0	Antimony	1.9	J*	12/14/2024	2231
7440-38-2	Arsenic	5.7		12/14/2024	2231
7440-39-3	Barium	89	*	12/14/2024	2231
7440-41-7	Beryllium	0.54	*	12/14/2024	2231
7440-43-9	Cadmium	0.59		12/14/2024	2231
7440-70-2	Calcium	13000	*	12/14/2024	2231
7440-47-3	Chromium	8.2	*	12/14/2024	2231
7440-48-4	Cobalt	11		12/14/2024	2231
7440-50-8	Copper	14	*	12/14/2024	2231
7439-89-6	Iron	15000	*	12/14/2024	2231
7439-92-1	Lead	67		12/14/2024	2231
7439-95-4	Magnesium	4800	*	12/14/2024	2231
7439-96-5	Manganese	1900		12/14/2024	2231
7440-02-0	Nickel	12		12/14/2024	2231
7440-09-7	Potassium	430	J	12/14/2024	2231
7782-49-2	Selenium	1.3	J*	12/14/2024	2231
7440-22-4	Silver	0.96	U*	12/14/2024	2231
7440-23-5	Sodium	510		12/14/2024	2231
7440-28-0	Thallium	3.1		12/14/2024	2231
7440-62-2	Vanadium	14		12/14/2024	2231
7440-66-6	Zinc	39	*	12/14/2024	2231

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

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MBHJ92

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJ66

Matrix: SOIL Lab Sample ID: P4979-08

% Solids: 87.3 Date Received: 11/23/2024

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	7000	*	12/14/2024	2234
7440-36-0	Antimony	2.0	J*	12/14/2024	2234
7440-38-2	Arsenic	5.8		12/14/2024	2234
7440-39-3	Barium	89	*	12/14/2024	2234
7440-41-7	Beryllium	0.56	*	12/14/2024	2234
7440-43-9	Cadmium	0.57		12/14/2024	2234
7440-70-2	Calcium	13000	*	12/14/2024	2234
7440-47-3	Chromium	8.3	*	12/14/2024	2234
7440-48-4	Cobalt	12		12/14/2024	2234
7440-50-8	Copper	15	*	12/14/2024	2234
7439-89-6	Iron	16000	*	12/14/2024	2234
7439-92-1	Lead	74		12/14/2024	2234
7439-95-4	Magnesium	5100	*	12/14/2024	2234
7439-96-5	Manganese	1800		12/14/2024	2234
7440-02-0	Nickel	12		12/14/2024	2234
7440-09-7	Potassium	450		12/14/2024	2234
7782-49-2	Selenium	1.2	J*	12/14/2024	2234
7440-22-4	Silver	0.90	U*	12/14/2024	2234
7440-23-5	Sodium	530		12/14/2024	2234
7440-28-0	Thallium	3.0		12/14/2024	2234
7440-62-2	Vanadium	14		12/14/2024	2234
7440-66-6	Zinc	38	*	12/14/2024	2234

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

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MBHJ93

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJ66

Matrix: SOIL Lab Sample ID: P4979-09

% Solids: 86.1 Date Received: 11/23/2024

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	*	12/14/2024	2238
7440-36-0	Antimony	2.3	J*	12/14/2024	2238
7440-38-2	Arsenic	7.0		12/14/2024	2238
7440-39-3	Barium	80	*	12/14/2024	2238
7440-41-7	Beryllium	0.57	*	12/14/2024	2238
7440-43-9	Cadmium	0.50		12/14/2024	2238
7440-70-2	Calcium	10000	*	12/14/2024	2238
7440-47-3	Chromium	8.6	*	12/14/2024	2238
7440-48-4	Cobalt	12		12/14/2024	2238
7440-50-8	Copper	15	*	12/14/2024	2238
7439-89-6	Iron	17000	*	12/14/2024	2238
7439-92-1	Lead	59		12/14/2024	2238
7439-95-4	Magnesium	3600	*	12/14/2024	2238
7439-96-5	Manganese	1800		12/14/2024	2238
7440-02-0	Nickel	12		12/14/2024	2238
7440-09-7	Potassium	470	J	12/14/2024	2238
7782-49-2	Selenium	1.3	J*	12/14/2024	2238
7440-22-4	Silver	1.0	U*	12/14/2024	2238
7440-23-5	Sodium	490	J	12/14/2024	2238
7440-28-0	Thallium	2.6		12/14/2024	2238
7440-62-2	Vanadium	15		12/14/2024	2238
7440-66-6	Zinc	28	*	12/14/2024	2238

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

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MBHJ94

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJ66

Matrix: SOIL Lab Sample ID: P4979-10

% Solids: 86.8 Date Received: 11/23/2024

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	*	12/14/2024	2242
7440-36-0	Antimony	2.4	J*	12/14/2024	2242
7440-38-2	Arsenic	8.4		12/14/2024	2242
7440-39-3	Barium	82	*	12/14/2024	2242
7440-41-7	Beryllium	0.59	*	12/14/2024	2242
7440-43-9	Cadmium	0.55		12/14/2024	2242
7440-70-2	Calcium	12000	*	12/14/2024	2242
7440-47-3	Chromium	9.1	*	12/14/2024	2242
7440-48-4	Cobalt	13		12/14/2024	2242
7440-50-8	Copper	16	*	12/14/2024	2242
7439-89-6	Iron	18000	*	12/14/2024	2242
7439-92-1	Lead	51		12/14/2024	2242
7439-95-4	Magnesium	5100	*	12/14/2024	2242
7439-96-5	Manganese	1800		12/14/2024	2242
7440-02-0	Nickel	14		12/14/2024	2242
7440-09-7	Potassium	530		12/14/2024	2242
7782-49-2	Selenium	1.3	J*	12/14/2024	2242
7440-22-4	Silver	1.1	U*	12/14/2024	2242
7440-23-5	Sodium	460	J	12/14/2024	2242
7440-28-0	Thallium	2.8		12/14/2024	2242
7440-62-2	Vanadium	17		12/14/2024	2242
7440-66-6	Zinc	36	*	12/14/2024	2242

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

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MBHJ95

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJ66

Matrix: SOIL Lab Sample ID: P4979-11

% Solids: 84.7 Date Received: 11/23/2024

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	*	12/14/2024	2246
7440-36-0	Antimony	3.0	J*	12/14/2024	2246
7440-38-2	Arsenic	10		12/14/2024	2246
7440-39-3	Barium	94	*	12/14/2024	2246
7440-41-7	Beryllium	0.57	*	12/14/2024	2246
7440-43-9	Cadmium	0.71		12/14/2024	2246
7440-70-2	Calcium	10000	*	12/14/2024	2246
7440-47-3	Chromium	9.2	*	12/14/2024	2246
7440-48-4	Cobalt	16		12/14/2024	2246
7440-50-8	Copper	19	*	12/14/2024	2246
7439-89-6	Iron	20000	*	12/14/2024	2246
7439-92-1	Lead	50		12/14/2024	2246
7439-95-4	Magnesium	4300	*	12/14/2024	2246
7439-96-5	Manganese	2600		12/14/2024	2246
7440-02-0	Nickel	21		12/14/2024	2246
7440-09-7	Potassium	620		12/14/2024	2246
7782-49-2	Selenium	2.1	J*	12/14/2024	2246
7440-22-4	Silver	1.0	U*	12/14/2024	2246
7440-23-5	Sodium	470	J	12/14/2024	2246
7440-28-0	Thallium	4.4		12/14/2024	2246
7440-62-2	Vanadium	16		12/14/2024	2246
7440-66-6	Zinc	27	*	12/14/2024	2246

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

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MBHJ96

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJ66

Matrix: SOIL Lab Sample ID: P4979-12

% Solids: 88.4 Date Received: 11/23/2024

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	*	12/14/2024	2250
7440-36-0	Antimony	1.6	J*	12/14/2024	2250
7440-38-2	Arsenic	7.0		12/14/2024	2250
7440-39-3	Barium	59	*	12/14/2024	2250
7440-41-7	Beryllium	0.46	J*	12/14/2024	2250
7440-43-9	Cadmium	0.52		12/14/2024	2250
7440-70-2	Calcium	28000	*	12/14/2024	2250
7440-47-3	Chromium	8.1	*	12/14/2024	2250
7440-48-4	Cobalt	13		12/14/2024	2250
7440-50-8	Copper	20	*	12/14/2024	2250
7439-89-6	Iron	15000	*	12/14/2024	2250
7439-92-1	Lead	93		12/14/2024	2250
7439-95-4	Magnesium	12000	*	12/14/2024	2250
7439-96-5	Manganese	1600		12/14/2024	2250
7440-02-0	Nickel	18		12/14/2024	2250
7440-09-7	Potassium	680		12/14/2024	2250
7782-49-2	Selenium	3.3	U*	12/14/2024	2250
7440-22-4	Silver	0.94	U*	12/14/2024	2250
7440-23-5	Sodium	360	J	12/14/2024	2250
7440-28-0	Thallium	3.4		12/14/2024	2250
7440-62-2	Vanadium	13		12/14/2024	2250
7440-66-6	Zinc	38	*	12/14/2024	2250

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

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MBHJA1

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJ66

Matrix: SOIL Lab Sample ID: P4979-13

% Solids: 79.1 Date Received: 11/23/2024

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	*	12/14/2024	2253
7440-36-0	Antimony	2.3	J*	12/14/2024	2253
7440-38-2	Arsenic	13		12/14/2024	2253
7440-39-3	Barium	94	*	12/14/2024	2253
7440-41-7	Beryllium	0.55	*	12/14/2024	2253
7440-43-9	Cadmium	0.76		12/14/2024	2253
7440-70-2	Calcium	17000	*	12/14/2024	2253
7440-47-3	Chromium	9.7	*	12/14/2024	2253
7440-48-4	Cobalt	12		12/14/2024	2253
7440-50-8	Copper	31	*	12/14/2024	2253
7439-89-6	Iron	18000	*	12/14/2024	2253
7439-92-1	Lead	71		12/14/2024	2253
7439-95-4	Magnesium	3500	*	12/14/2024	2253
7439-96-5	Manganese	2000		12/14/2024	2253
7440-02-0	Nickel	19		12/14/2024	2253
7440-09-7	Potassium	520		12/14/2024	2253
7782-49-2	Selenium	1.8	J*	12/14/2024	2253
7440-22-4	Silver	1.0	U*	12/14/2024	2253
7440-23-5	Sodium	500	U	12/14/2024	2253
7440-28-0	Thallium	3.4		12/14/2024	2253
7440-62-2	Vanadium	15		12/14/2024	2253
7440-66-6	Zinc	69	*	12/14/2024	2253

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

Comments:

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MBHJA2

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJ66

Matrix: SOIL Lab Sample ID: P4979-14

% Solids: 80.8 Date Received: 11/23/2024

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	*	12/14/2024	2257
7440-36-0	Antimony	1.2	J*	12/14/2024	2257
7440-38-2	Arsenic	8.1		12/14/2024	2257
7440-39-3	Barium	87	*	12/14/2024	2257
7440-41-7	Beryllium	0.41	J*	12/14/2024	2257
7440-43-9	Cadmium	0.60		12/14/2024	2257
7440-70-2	Calcium	120000	D*	12/23/2024	1753
7440-47-3	Chromium	9.3	*	12/14/2024	2257
7440-48-4	Cobalt	12		12/14/2024	2257
7440-50-8	Copper	41	*	12/14/2024	2257
7439-89-6	Iron	15000	*	12/14/2024	2257
7439-92-1	Lead	50		12/14/2024	2257
7439-95-4	Magnesium	3600	*	12/14/2024	2257
7439-96-5	Manganese	2400		12/14/2024	2257
7440-02-0	Nickel	16		12/14/2024	2257
7440-09-7	Potassium	500	J	12/14/2024	2257
7782-49-2	Selenium	3.8	U*	12/14/2024	2257
7440-22-4	Silver	1.1	U*	12/14/2024	2257
7440-23-5	Sodium	540	U	12/14/2024	2257
7440-28-0	Thallium	5.4		12/14/2024	2257
7440-62-2	Vanadium	13		12/14/2024	2257
7440-66-6	Zinc	47	*	12/14/2024	2257

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHJA3

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJ66
 Matrix: SOIL Lab Sample ID: P4979-15
 % Solids: 81.5 Date Received: 11/23/2024
 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	3400	*	12/14/2024	2301
7440-36-0	Antimony	0.89	J*	12/14/2024	2301
7440-38-2	Arsenic	6.1		12/14/2024	2301
7440-39-3	Barium	76	*	12/14/2024	2301
7440-41-7	Beryllium	0.28	J*	12/14/2024	2301
7440-43-9	Cadmium	0.56		12/14/2024	2301
7440-70-2	Calcium	110000	D*	12/21/2024	0729
7440-47-3	Chromium	17	*	12/14/2024	2301
7440-48-4	Cobalt	11		12/14/2024	2301
7440-50-8	Copper	29	*	12/14/2024	2301
7439-89-6	Iron	16000	*	12/14/2024	2301
7439-92-1	Lead	37		12/14/2024	2301
7439-95-4	Magnesium	2900	*	12/14/2024	2301
7439-96-5	Manganese	2600		12/14/2024	2301
7440-02-0	Nickel	13		12/14/2024	2301
7440-09-7	Potassium	370	J	12/14/2024	2301
7782-49-2	Selenium	3.4	U*	12/14/2024	2301
7440-22-4	Silver	0.98	U*	12/14/2024	2301
7440-23-5	Sodium	110	J	12/14/2024	2301
7440-28-0	Thallium	5.7		12/14/2024	2301
7440-62-2	Vanadium	9.3		12/14/2024	2301
7440-66-6	Zinc	36	*	12/14/2024	2301

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHJA4

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJ66

Matrix: SOIL Lab Sample ID: P4979-16

% Solids: 79.5 Date Received: 11/23/2024

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	3100	*	12/14/2024	2305
7440-36-0	Antimony	7.0	U*	12/14/2024	2305
7440-38-2	Arsenic	7.3		12/14/2024	2305
7440-39-3	Barium	79	*	12/14/2024	2305
7440-41-7	Beryllium	0.26	J*	12/14/2024	2305
7440-43-9	Cadmium	0.41	J	12/14/2024	2305
7440-70-2	Calcium	230000	D*	12/23/2024	1757
7440-47-3	Chromium	5.5	*	12/14/2024	2305
7440-48-4	Cobalt	13		12/14/2024	2305
7440-50-8	Copper	32	*	12/14/2024	2305
7439-89-6	Iron	16000	*	12/14/2024	2305
7439-92-1	Lead	26		12/14/2024	2305
7439-95-4	Magnesium	3400	*	12/14/2024	2305
7439-96-5	Manganese	2700		12/14/2024	2305
7440-02-0	Nickel	12		12/14/2024	2305
7440-09-7	Potassium	320	J	12/14/2024	2305
7782-49-2	Selenium	4.1	U*	12/14/2024	2305
7440-22-4	Silver	1.2	U*	12/14/2024	2305
7440-23-5	Sodium	580	U	12/14/2024	2305
7440-28-0	Thallium	6.4		12/14/2024	2305
7440-62-2	Vanadium	7.4		12/14/2024	2305
7440-66-6	Zinc	26	*	12/14/2024	2305

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

Comments:

FORM 1 - IN
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MBHJB7

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJ66

Matrix: SOIL Lab Sample ID: P4979-17

% Solids: 95.7 Date Received: 11/23/2024

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	2100	*	12/14/2024	2309
7440-36-0	Antimony	5.6	U*	12/14/2024	2309
7440-38-2	Arsenic	3.3		12/14/2024	2309
7440-39-3	Barium	36	*	12/14/2024	2309
7440-41-7	Beryllium	0.22	J*	12/14/2024	2309
7440-43-9	Cadmium	1.3		12/14/2024	2309
7440-70-2	Calcium	150000	D*	12/21/2024	0737
7440-47-3	Chromium	4.2	*	12/14/2024	2309
7440-48-4	Cobalt	7.7		12/14/2024	2309
7440-50-8	Copper	25	*	12/14/2024	2309
7439-89-6	Iron	9700	*	12/14/2024	2309
7439-92-1	Lead	50		12/14/2024	2309
7439-95-4	Magnesium	74000	*	12/14/2024	2309
7439-96-5	Manganese	940		12/14/2024	2309
7440-02-0	Nickel	8.1		12/14/2024	2309
7440-09-7	Potassium	530		12/14/2024	2309
7782-49-2	Selenium	3.2	U*	12/14/2024	2309
7440-22-4	Silver	0.93	U*	12/14/2024	2309
7440-23-5	Sodium	290	J	12/14/2024	2309
7440-28-0	Thallium	3.5		12/14/2024	2309
7440-62-2	Vanadium	4.8		12/14/2024	2309
7440-66-6	Zinc	200	*	12/14/2024	2309

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHJB8

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJ66

Matrix: SOIL Lab Sample ID: P4979-18

% Solids: 88.8 Date Received: 11/23/2024

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	7000	*	12/14/2024	2313
7440-36-0	Antimony	1.5	J*	12/14/2024	2313
7440-38-2	Arsenic	2.9		12/14/2024	2313
7440-39-3	Barium	48	*	12/14/2024	2313
7440-41-7	Beryllium	0.45	*	12/14/2024	2313
7440-43-9	Cadmium	0.50		12/14/2024	2313
7440-70-2	Calcium	27000	*	12/14/2024	2313
7440-47-3	Chromium	8.8	*	12/14/2024	2313
7440-48-4	Cobalt	11		12/14/2024	2313
7440-50-8	Copper	11	*	12/14/2024	2313
7439-89-6	Iron	13000	*	12/14/2024	2313
7439-92-1	Lead	19		12/14/2024	2313
7439-95-4	Magnesium	14000	*	12/14/2024	2313
7439-96-5	Manganese	680		12/14/2024	2313
7440-02-0	Nickel	17		12/14/2024	2313
7440-09-7	Potassium	390	J	12/14/2024	2313
7782-49-2	Selenium	3.2	U*	12/14/2024	2313
7440-22-4	Silver	0.91	U*	12/14/2024	2313
7440-23-5	Sodium	450		12/14/2024	2313
7440-28-0	Thallium	1.8	J	12/14/2024	2313
7440-62-2	Vanadium	13		12/14/2024	2313
7440-66-6	Zinc	47	*	12/14/2024	2313

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

Comments:

FORM 1 - IN
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MBHJB9

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJ66

Matrix: SOIL Lab Sample ID: P4979-19

% Solids: 87.9 Date Received: 11/23/2024

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	*	12/14/2024	2317
7440-36-0	Antimony	2.2	J*	12/14/2024	2317
7440-38-2	Arsenic	2.8		12/14/2024	2317
7440-39-3	Barium	50	*	12/14/2024	2317
7440-41-7	Beryllium	0.52	*	12/14/2024	2317
7440-43-9	Cadmium	0.28	J	12/14/2024	2317
7440-70-2	Calcium	7600	*	12/14/2024	2317
7440-47-3	Chromium	12	*	12/14/2024	2317
7440-48-4	Cobalt	11		12/14/2024	2317
7440-50-8	Copper	5.5	*	12/14/2024	2317
7439-89-6	Iron	15000	*	12/14/2024	2317
7439-92-1	Lead	9.1		12/14/2024	2317
7439-95-4	Magnesium	5200	*	12/14/2024	2317
7439-96-5	Manganese	620		12/14/2024	2317
7440-02-0	Nickel	20		12/14/2024	2317
7440-09-7	Potassium	360	J	12/14/2024	2317
7782-49-2	Selenium	0.77	J*	12/14/2024	2317
7440-22-4	Silver	0.98	U*	12/14/2024	2317
7440-23-5	Sodium	280	J	12/14/2024	2317
7440-28-0	Thallium	1.2	J	12/14/2024	2317
7440-62-2	Vanadium	16		12/14/2024	2317
7440-66-6	Zinc	24	*	12/14/2024	2317

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

Comments:

FORM 1 - IN
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MBHJC0

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJ66

Matrix: SOIL Lab Sample ID: P4979-20

% Solids: 89.5 Date Received: 11/23/2024

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	9800	*	12/14/2024	2332
7440-36-0	Antimony	3.0	J*	12/14/2024	2332
7440-38-2	Arsenic	2.6		12/14/2024	2332
7440-39-3	Barium	64	*	12/14/2024	2332
7440-41-7	Beryllium	0.66	*	12/14/2024	2332
7440-43-9	Cadmium	0.27	J	12/14/2024	2332
7440-70-2	Calcium	3400	*	12/14/2024	2332
7440-47-3	Chromium	11	*	12/14/2024	2332
7440-48-4	Cobalt	13		12/14/2024	2332
7440-50-8	Copper	5.3	*	12/14/2024	2332
7439-89-6	Iron	17000	*	12/14/2024	2332
7439-92-1	Lead	9.6		12/14/2024	2332
7439-95-4	Magnesium	3700	*	12/14/2024	2332
7439-96-5	Manganese	570		12/14/2024	2332
7440-02-0	Nickel	20		12/14/2024	2332
7440-09-7	Potassium	440		12/14/2024	2332
7782-49-2	Selenium	1.9	J*	12/14/2024	2332
7440-22-4	Silver	0.88	U*	12/14/2024	2332
7440-23-5	Sodium	250	J	12/14/2024	2332
7440-28-0	Thallium	2.2	U	12/14/2024	2332
7440-62-2	Vanadium	19		12/14/2024	2332
7440-66-6	Zinc	23	*	12/14/2024	2332

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

Comments:

FORM 1 - IN
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MBHJC1

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJ66

Matrix: SOIL Lab Sample ID: P4979-21

% Solids: 85.8 Date Received: 11/23/2024

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	*	12/14/2024	2336
7440-36-0	Antimony	2.4	J*	12/14/2024	2336
7440-38-2	Arsenic	6.3		12/14/2024	2336
7440-39-3	Barium	88	*	12/14/2024	2336
7440-41-7	Beryllium	0.62	*	12/14/2024	2336
7440-43-9	Cadmium	0.55		12/14/2024	2336
7440-70-2	Calcium	12000	*	12/14/2024	2336
7440-47-3	Chromium	10	*	12/14/2024	2336
7440-48-4	Cobalt	11		12/14/2024	2336
7440-50-8	Copper	14	*	12/14/2024	2336
7439-89-6	Iron	18000	*	12/14/2024	2336
7439-92-1	Lead	70		12/14/2024	2336
7439-95-4	Magnesium	4400	*	12/14/2024	2336
7439-96-5	Manganese	830		12/14/2024	2336
7440-02-0	Nickel	18		12/14/2024	2336
7440-09-7	Potassium	460		12/14/2024	2336
7782-49-2	Selenium	1.0	J*	12/14/2024	2336
7440-22-4	Silver	0.90	U*	12/14/2024	2336
7440-23-5	Sodium	260	J	12/14/2024	2336
7440-28-0	Thallium	1.3	J	12/14/2024	2336
7440-62-2	Vanadium	18		12/14/2024	2336
7440-66-6	Zinc	53	*	12/14/2024	2336

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHJC2

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJ66

Matrix: SOIL Lab Sample ID: P4979-22

% Solids: 81.8 Date Received: 11/23/2024

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	*	12/14/2024	2340
7440-36-0	Antimony	1.9	J*	12/14/2024	2340
7440-38-2	Arsenic	13		12/14/2024	2340
7440-39-3	Barium	150	*	12/14/2024	2340
7440-41-7	Beryllium	0.59	*	12/14/2024	2340
7440-43-9	Cadmium	0.82		12/14/2024	2340
7440-70-2	Calcium	28000	*	12/14/2024	2340
7440-47-3	Chromium	9.0	*	12/14/2024	2340
7440-48-4	Cobalt	12		12/14/2024	2340
7440-50-8	Copper	38	*	12/14/2024	2340
7439-89-6	Iron	16000	*	12/14/2024	2340
7439-92-1	Lead	160		12/14/2024	2340
7439-95-4	Magnesium	3700	*	12/14/2024	2340
7439-96-5	Manganese	2000		12/14/2024	2340
7440-02-0	Nickel	19		12/14/2024	2340
7440-09-7	Potassium	810		12/14/2024	2340
7782-49-2	Selenium	3.7	U*	12/14/2024	2340
7440-22-4	Silver	1.1	U*	12/14/2024	2340
7440-23-5	Sodium	120	J	12/14/2024	2340
7440-28-0	Thallium	3.8		12/14/2024	2340
7440-62-2	Vanadium	16		12/14/2024	2340
7440-66-6	Zinc	81	*	12/14/2024	2340

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

Comments: