

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHK34

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHK34

Matrix: SOIL Lab Sample ID: P5028-01

% Solids: 82.6 Date Received: 11/27/2024

Analytical Method: ICP_AES

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	3000		12/16/2024	0144
7440-36-0	Antimony	5.9	U*	12/16/2024	0144
7440-38-2	Arsenic	4.5		12/16/2024	0144
7440-39-3	Barium	46		12/16/2024	0144
7440-41-7	Beryllium	0.28	J	12/16/2024	0144
7440-43-9	Cadmium	0.48	J	12/16/2024	0144
7440-70-2	Calcium	120000	D	12/23/2024	1537
7440-47-3	Chromium	6.5	*	12/16/2024	0144
7440-48-4	Cobalt	8.8	*	12/16/2024	0144
7440-50-8	Copper	11		12/16/2024	0144
7439-89-6	Iron	9100		12/16/2024	0144
7439-92-1	Lead	78		12/16/2024	0144
7439-95-4	Magnesium	51000	*	12/16/2024	0144
7439-96-5	Manganese	720	*	12/16/2024	0144
7440-02-0	Nickel	8.8		12/16/2024	0144
7440-09-7	Potassium	750		12/16/2024	0144
7782-49-2	Selenium	3.4	U*	12/16/2024	0144
7440-22-4	Silver	0.98	U*	12/16/2024	0144
7440-23-5	Sodium	490	U	12/16/2024	0144
7440-28-0	Thallium	4.0		12/16/2024	0144
7440-62-2	Vanadium	6.9		12/16/2024	0144
7440-66-6	Zinc	75	*	12/16/2024	0144

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

Comments:

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MBHK35

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHK34

Matrix: SOIL Lab Sample ID: P5028-02

% Solids: 88.6 Date Received: 11/27/2024

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		12/16/2024	0148
7440-36-0	Antimony	0.97	J*	12/16/2024	0148
7440-38-2	Arsenic	6.8		12/16/2024	0148
7440-39-3	Barium	83		12/16/2024	0148
7440-41-7	Beryllium	0.43		12/16/2024	0148
7440-43-9	Cadmium	0.73		12/16/2024	0148
7440-70-2	Calcium	97000	D	12/23/2024	1541
7440-47-3	Chromium	8.9	*	12/16/2024	0148
7440-48-4	Cobalt	9.9	*	12/16/2024	0148
7440-50-8	Copper	22		12/16/2024	0148
7439-89-6	Iron	12000		12/16/2024	0148
7439-92-1	Lead	150		12/16/2024	0148
7439-95-4	Magnesium	38000	*	12/16/2024	0148
7439-96-5	Manganese	950	*	12/16/2024	0148
7440-02-0	Nickel	13		12/16/2024	0148
7440-09-7	Potassium	690		12/16/2024	0148
7782-49-2	Selenium	3.0	U*	12/16/2024	0148
7440-22-4	Silver	0.84	U*	12/16/2024	0148
7440-23-5	Sodium	420	U	12/16/2024	0148
7440-28-0	Thallium	3.5		12/16/2024	0148
7440-62-2	Vanadium	11		12/16/2024	0148
7440-66-6	Zinc	120	*	12/16/2024	0148

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

Comments:

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MBHK36

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHK34

Matrix: SOIL Lab Sample ID: P5028-03

% Solids: 85.8 Date Received: 11/27/2024

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	9100		12/16/2024	0152
7440-36-0	Antimony	3.7	J*	12/16/2024	0152
7440-38-2	Arsenic	29		12/16/2024	0152
7440-39-3	Barium	92		12/16/2024	0152
7440-41-7	Beryllium	0.81		12/16/2024	0152
7440-43-9	Cadmium	0.92		12/16/2024	0152
7440-70-2	Calcium	15000		12/16/2024	0152
7440-47-3	Chromium	11	*	12/16/2024	0152
7440-48-4	Cobalt	17	*	12/16/2024	0152
7440-50-8	Copper	40		12/16/2024	0152
7439-89-6	Iron	23000		12/16/2024	0152
7439-92-1	Lead	68		12/16/2024	0152
7439-95-4	Magnesium	3200	*	12/16/2024	0152
7439-96-5	Manganese	1300	*	12/16/2024	0152
7440-02-0	Nickel	23		12/16/2024	0152
7440-09-7	Potassium	830		12/16/2024	0152
7782-49-2	Selenium	3.5	U*	12/16/2024	0152
7440-22-4	Silver	1.0	U*	12/16/2024	0152
7440-23-5	Sodium	500	U	12/16/2024	0152
7440-28-0	Thallium	2.7		12/16/2024	0152
7440-62-2	Vanadium	17		12/16/2024	0152
7440-66-6	Zinc	67	*	12/16/2024	0152

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

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MBHK37

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHK34

Matrix: SOIL Lab Sample ID: P5028-04

% Solids: 86.6 Date Received: 11/27/2024

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	7500		12/16/2024	0156
7440-36-0	Antimony	3.1	J*	12/16/2024	0156
7440-38-2	Arsenic	14		12/16/2024	0156
7440-39-3	Barium	75		12/16/2024	0156
7440-41-7	Beryllium	0.65		12/16/2024	0156
7440-43-9	Cadmium	0.63		12/16/2024	0156
7440-70-2	Calcium	4300		12/16/2024	0156
7440-47-3	Chromium	9.8	*	12/16/2024	0156
7440-48-4	Cobalt	13	*	12/16/2024	0156
7440-50-8	Copper	27		12/16/2024	0156
7439-89-6	Iron	19000		12/16/2024	0156
7439-92-1	Lead	39		12/16/2024	0156
7439-95-4	Magnesium	2200	*	12/16/2024	0156
7439-96-5	Manganese	1500	*	12/16/2024	0156
7440-02-0	Nickel	17		12/16/2024	0156
7440-09-7	Potassium	530		12/16/2024	0156
7782-49-2	Selenium	1.5	J*	12/16/2024	0156
7440-22-4	Silver	0.88	U*	12/16/2024	0156
7440-23-5	Sodium	440	U	12/16/2024	0156
7440-28-0	Thallium	2.0	J	12/16/2024	0156
7440-62-2	Vanadium	16		12/16/2024	0156
7440-66-6	Zinc	40	*	12/16/2024	0156

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

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MBHK38

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHK34

Matrix: SOIL Lab Sample ID: P5028-05

% Solids: 89 Date Received: 11/27/2024

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	7200		12/16/2024	0159
7440-36-0	Antimony	2.5	J*	12/16/2024	0159
7440-38-2	Arsenic	7.8		12/16/2024	0159
7440-39-3	Barium	76		12/16/2024	0159
7440-41-7	Beryllium	0.57		12/16/2024	0159
7440-43-9	Cadmium	0.51		12/16/2024	0159
7440-70-2	Calcium	8100		12/16/2024	0159
7440-47-3	Chromium	8.9	*	12/16/2024	0159
7440-48-4	Cobalt	11	*	12/16/2024	0159
7440-50-8	Copper	14		12/16/2024	0159
7439-89-6	Iron	15000		12/16/2024	0159
7439-92-1	Lead	69		12/16/2024	0159
7439-95-4	Magnesium	2800	*	12/16/2024	0159
7439-96-5	Manganese	1100	*	12/16/2024	0159
7440-02-0	Nickel	11		12/16/2024	0159
7440-09-7	Potassium	300	J	12/16/2024	0159
7782-49-2	Selenium	3.1	U*	12/16/2024	0159
7440-22-4	Silver	0.87	U*	12/16/2024	0159
7440-23-5	Sodium	440	U	12/16/2024	0159
7440-28-0	Thallium	1.8	J	12/16/2024	0159
7440-62-2	Vanadium	15		12/16/2024	0159
7440-66-6	Zinc	56	*	12/16/2024	0159

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

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MBHK39

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHK34

Matrix: SOIL Lab Sample ID: P5028-06

% Solids: 90 Date Received: 11/27/2024

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		12/16/2024	0203
7440-36-0	Antimony	3.0	J*	12/16/2024	0203
7440-38-2	Arsenic	8.2		12/16/2024	0203
7440-39-3	Barium	60		12/16/2024	0203
7440-41-7	Beryllium	0.63		12/16/2024	0203
7440-43-9	Cadmium	0.38	J	12/16/2024	0203
7440-70-2	Calcium	2500		12/16/2024	0203
7440-47-3	Chromium	9.6	*	12/16/2024	0203
7440-48-4	Cobalt	9.7	*	12/16/2024	0203
7440-50-8	Copper	13		12/16/2024	0203
7439-89-6	Iron	16000		12/16/2024	0203
7439-92-1	Lead	49		12/16/2024	0203
7439-95-4	Magnesium	1800	*	12/16/2024	0203
7439-96-5	Manganese	990	*	12/16/2024	0203
7440-02-0	Nickel	11		12/16/2024	0203
7440-09-7	Potassium	240	J	12/16/2024	0203
7782-49-2	Selenium	1.1	J*	12/16/2024	0203
7440-22-4	Silver	0.86	U*	12/16/2024	0203
7440-23-5	Sodium	430	U	12/16/2024	0203
7440-28-0	Thallium	0.88	J	12/16/2024	0203
7440-62-2	Vanadium	16		12/16/2024	0203
7440-66-6	Zinc	51	*	12/16/2024	0203

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

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MBHK40

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHK34

Matrix: SOIL Lab Sample ID: P5028-07

% Solids: 88.4 Date Received: 11/27/2024

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		12/16/2024	0207
7440-36-0	Antimony	3.2	J*	12/16/2024	0207
7440-38-2	Arsenic	12		12/16/2024	0207
7440-39-3	Barium	66		12/16/2024	0207
7440-41-7	Beryllium	0.68		12/16/2024	0207
7440-43-9	Cadmium	0.60		12/16/2024	0207
7440-70-2	Calcium	7000		12/16/2024	0207
7440-47-3	Chromium	12	*	12/16/2024	0207
7440-48-4	Cobalt	12	*	12/16/2024	0207
7440-50-8	Copper	23		12/16/2024	0207
7439-89-6	Iron	19000		12/16/2024	0207
7439-92-1	Lead	87		12/16/2024	0207
7439-95-4	Magnesium	2600	*	12/16/2024	0207
7439-96-5	Manganese	1300	*	12/16/2024	0207
7440-02-0	Nickel	16		12/16/2024	0207
7440-09-7	Potassium	350	J	12/16/2024	0207
7782-49-2	Selenium	0.81	J*	12/16/2024	0207
7440-22-4	Silver	0.78	U*	12/16/2024	0207
7440-23-5	Sodium	390	U	12/16/2024	0207
7440-28-0	Thallium	2.1		12/16/2024	0207
7440-62-2	Vanadium	17		12/16/2024	0207
7440-66-6	Zinc	75	*	12/16/2024	0207

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

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MBHKD2

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHK34

Matrix: SOIL Lab Sample ID: P5028-10

% Solids: 74.4 Date Received: 11/27/2024

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		12/16/2024	0236
7440-36-0	Antimony	2.8	J*	12/16/2024	0236
7440-38-2	Arsenic	8.5		12/16/2024	0236
7440-39-3	Barium	180		12/16/2024	0236
7440-41-7	Beryllium	0.69		12/16/2024	0236
7440-43-9	Cadmium	0.99		12/16/2024	0236
7440-70-2	Calcium	16000		12/16/2024	0236
7440-47-3	Chromium	17	*	12/16/2024	0236
7440-48-4	Cobalt	12	*	12/16/2024	0236
7440-50-8	Copper	43		12/16/2024	0236
7439-89-6	Iron	17000		12/16/2024	0236
7439-92-1	Lead	260		12/16/2024	0236
7439-95-4	Magnesium	3800	*	12/16/2024	0236
7439-96-5	Manganese	670	*	12/16/2024	0236
7440-02-0	Nickel	25		12/16/2024	0236
7440-09-7	Potassium	1300		12/16/2024	0236
7782-49-2	Selenium	3.4	U*	12/16/2024	0236
7440-22-4	Silver	0.97	U*	12/16/2024	0236
7440-23-5	Sodium	490	U	12/16/2024	0236
7440-28-0	Thallium	1.7	J	12/16/2024	0236
7440-62-2	Vanadium	20		12/16/2024	0236
7440-66-6	Zinc	210	*	12/16/2024	0236

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

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MBHKD3

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHK34

Matrix: SOIL Lab Sample ID: P5028-11

% Solids: 78.5 Date Received: 11/27/2024

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		12/16/2024	0240
7440-36-0	Antimony	5.3	J*	12/16/2024	0240
7440-38-2	Arsenic	10		12/16/2024	0240
7440-39-3	Barium	180		12/16/2024	0240
7440-41-7	Beryllium	0.87		12/16/2024	0240
7440-43-9	Cadmium	1.1		12/16/2024	0240
7440-70-2	Calcium	18000		12/16/2024	0240
7440-47-3	Chromium	28	*	12/16/2024	0240
7440-48-4	Cobalt	14	*	12/16/2024	0240
7440-50-8	Copper	51		12/16/2024	0240
7439-89-6	Iron	28000		12/16/2024	0240
7439-92-1	Lead	230		12/16/2024	0240
7439-95-4	Magnesium	3300	*	12/16/2024	0240
7439-96-5	Manganese	700	*	12/16/2024	0240
7440-02-0	Nickel	28		12/16/2024	0240
7440-09-7	Potassium	940		12/16/2024	0240
7782-49-2	Selenium	3.5	U*	12/16/2024	0240
7440-22-4	Silver	1.0	U*	12/16/2024	0240
7440-23-5	Sodium	510	U	12/16/2024	0240
7440-28-0	Thallium	1.2	J	12/16/2024	0240
7440-62-2	Vanadium	22		12/16/2024	0240
7440-66-6	Zinc	200	*	12/16/2024	0240

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

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MBHKD4

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHK34

Matrix: SOIL Lab Sample ID: P5028-12

% Solids: 80.3 Date Received: 11/27/2024

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		12/16/2024	0244
7440-36-0	Antimony	3.9	J*	12/16/2024	0244
7440-38-2	Arsenic	8.9		12/16/2024	0244
7440-39-3	Barium	160		12/16/2024	0244
7440-41-7	Beryllium	0.64		12/16/2024	0244
7440-43-9	Cadmium	0.74		12/16/2024	0244
7440-70-2	Calcium	12000		12/16/2024	0244
7440-47-3	Chromium	15	*	12/16/2024	0244
7440-48-4	Cobalt	11	*	12/16/2024	0244
7440-50-8	Copper	37		12/16/2024	0244
7439-89-6	Iron	15000		12/16/2024	0244
7439-92-1	Lead	200		12/16/2024	0244
7439-95-4	Magnesium	3100	*	12/16/2024	0244
7439-96-5	Manganese	640	*	12/16/2024	0244
7440-02-0	Nickel	21		12/16/2024	0244
7440-09-7	Potassium	890		12/16/2024	0244
7782-49-2	Selenium	3.4	U*	12/16/2024	0244
7440-22-4	Silver	0.96	U*	12/16/2024	0244
7440-23-5	Sodium	480	U	12/16/2024	0244
7440-28-0	Thallium	1.9	J	12/16/2024	0244
7440-62-2	Vanadium	19		12/16/2024	0244
7440-66-6	Zinc	160	*	12/16/2024	0244

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

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MBHKE5

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHK34

Matrix: SOIL Lab Sample ID: P5028-13

% Solids: 90.6 Date Received: 11/27/2024

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		12/16/2024	0312
7440-36-0	Antimony	1.6	J*	12/16/2024	0312
7440-38-2	Arsenic	7.2		12/16/2024	0312
7440-39-3	Barium	45		12/16/2024	0312
7440-41-7	Beryllium	0.43	J	12/16/2024	0312
7440-43-9	Cadmium	0.30	J	12/16/2024	0312
7440-70-2	Calcium	47000		12/16/2024	0312
7440-47-3	Chromium	7.3	*	12/16/2024	0312
7440-48-4	Cobalt	11	*	12/16/2024	0312
7440-50-8	Copper	25		12/16/2024	0312
7439-89-6	Iron	15000		12/16/2024	0312
7439-92-1	Lead	14		12/16/2024	0312
7439-95-4	Magnesium	11000	*	12/16/2024	0312
7439-96-5	Manganese	510	*	12/16/2024	0312
7440-02-0	Nickel	15		12/16/2024	0312
7440-09-7	Potassium	380	J	12/16/2024	0312
7782-49-2	Selenium	3.1	U*	12/16/2024	0312
7440-22-4	Silver	0.88	U*	12/16/2024	0312
7440-23-5	Sodium	440	U	12/16/2024	0312
7440-28-0	Thallium	2.2		12/16/2024	0312
7440-62-2	Vanadium	17		12/16/2024	0312
7440-66-6	Zinc	31	*	12/16/2024	0312

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHKE6

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHK34

Matrix: SOIL Lab Sample ID: P5028-14

% Solids: 76 Date Received: 11/27/2024

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		12/16/2024	0316
7440-36-0	Antimony	2.8	J*	12/16/2024	0316
7440-38-2	Arsenic	7.8		12/16/2024	0316
7440-39-3	Barium	110		12/16/2024	0316
7440-41-7	Beryllium	0.66		12/16/2024	0316
7440-43-9	Cadmium	0.57		12/16/2024	0316
7440-70-2	Calcium	6700		12/16/2024	0316
7440-47-3	Chromium	14	*	12/16/2024	0316
7440-48-4	Cobalt	10	*	12/16/2024	0316
7440-50-8	Copper	25		12/16/2024	0316
7439-89-6	Iron	16000		12/16/2024	0316
7439-92-1	Lead	210		12/16/2024	0316
7439-95-4	Magnesium	3100	*	12/16/2024	0316
7439-96-5	Manganese	700	*	12/16/2024	0316
7440-02-0	Nickel	19		12/16/2024	0316
7440-09-7	Potassium	940		12/16/2024	0316
7782-49-2	Selenium	3.4	U*	12/16/2024	0316
7440-22-4	Silver	0.97	U*	12/16/2024	0316
7440-23-5	Sodium	480	U	12/16/2024	0316
7440-28-0	Thallium	1.1	J	12/16/2024	0316
7440-62-2	Vanadium	18		12/16/2024	0316
7440-66-6	Zinc	100	*	12/16/2024	0316

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHKE7

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHK34

Matrix: SOIL Lab Sample ID: P5028-15

% Solids: 82.1 Date Received: 11/27/2024

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		12/16/2024	0320
7440-36-0	Antimony	3.2	J*	12/16/2024	0320
7440-38-2	Arsenic	11		12/16/2024	0320
7440-39-3	Barium	150		12/16/2024	0320
7440-41-7	Beryllium	0.70		12/16/2024	0320
7440-43-9	Cadmium	0.66		12/16/2024	0320
7440-70-2	Calcium	6300		12/16/2024	0320
7440-47-3	Chromium	13	*	12/16/2024	0320
7440-48-4	Cobalt	11	*	12/16/2024	0320
7440-50-8	Copper	21		12/16/2024	0320
7439-89-6	Iron	18000		12/16/2024	0320
7439-92-1	Lead	72		12/16/2024	0320
7439-95-4	Magnesium	3000	*	12/16/2024	0320
7439-96-5	Manganese	850	*	12/16/2024	0320
7440-02-0	Nickel	19		12/16/2024	0320
7440-09-7	Potassium	800		12/16/2024	0320
7782-49-2	Selenium	3.2	U*	12/16/2024	0320
7440-22-4	Silver	0.92	U*	12/16/2024	0320
7440-23-5	Sodium	460	U	12/16/2024	0320
7440-28-0	Thallium	1.2	J	12/16/2024	0320
7440-62-2	Vanadium	20		12/16/2024	0320
7440-66-6	Zinc	82	*	12/16/2024	0320

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHKE8

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHK34

Matrix: SOIL Lab Sample ID: P5028-16

% Solids: 84.2 Date Received: 11/27/2024

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		12/16/2024	0324
7440-36-0	Antimony	2.8	J*	12/16/2024	0324
7440-38-2	Arsenic	7.5		12/16/2024	0324
7440-39-3	Barium	150		12/16/2024	0324
7440-41-7	Beryllium	0.65		12/16/2024	0324
7440-43-9	Cadmium	0.55		12/16/2024	0324
7440-70-2	Calcium	9800		12/16/2024	0324
7440-47-3	Chromium	12	*	12/16/2024	0324
7440-48-4	Cobalt	11	*	12/16/2024	0324
7440-50-8	Copper	9.0		12/16/2024	0324
7439-89-6	Iron	18000		12/16/2024	0324
7439-92-1	Lead	37		12/16/2024	0324
7439-95-4	Magnesium	3000	*	12/16/2024	0324
7439-96-5	Manganese	970	*	12/16/2024	0324
7440-02-0	Nickel	16		12/16/2024	0324
7440-09-7	Potassium	610		12/16/2024	0324
7782-49-2	Selenium	2.9	U*	12/16/2024	0324
7440-22-4	Silver	0.83	U*	12/16/2024	0324
7440-23-5	Sodium	410	U	12/16/2024	0324
7440-28-0	Thallium	1.9	J	12/16/2024	0324
7440-62-2	Vanadium	19		12/16/2024	0324
7440-66-6	Zinc	44	*	12/16/2024	0324

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHKE9

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHK34

Matrix: SOIL Lab Sample ID: P5028-17

% Solids: 89.5 Date Received: 11/27/2024

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		12/16/2024	0328
7440-36-0	Antimony	1.2	J*	12/16/2024	0328
7440-38-2	Arsenic	3.3		12/16/2024	0328
7440-39-3	Barium	49		12/16/2024	0328
7440-41-7	Beryllium	0.38	J	12/16/2024	0328
7440-43-9	Cadmium	0.25	J	12/16/2024	0328
7440-70-2	Calcium	41000		12/16/2024	0328
7440-47-3	Chromium	7.3	*	12/16/2024	0328
7440-48-4	Cobalt	9.5	*	12/16/2024	0328
7440-50-8	Copper	6.4		12/16/2024	0328
7439-89-6	Iron	12000		12/16/2024	0328
7439-92-1	Lead	11		12/16/2024	0328
7439-95-4	Magnesium	7000	*	12/16/2024	0328
7439-96-5	Manganese	560	*	12/16/2024	0328
7440-02-0	Nickel	13		12/16/2024	0328
7440-09-7	Potassium	570		12/16/2024	0328
7782-49-2	Selenium	2.8	U*	12/16/2024	0328
7440-22-4	Silver	0.81	U*	12/16/2024	0328
7440-23-5	Sodium	410	U	12/16/2024	0328
7440-28-0	Thallium	2.3		12/16/2024	0328
7440-62-2	Vanadium	11		12/16/2024	0328
7440-66-6	Zinc	19	*	12/16/2024	0328

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHKF0

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHK34

Matrix: SOIL Lab Sample ID: P5028-18

% Solids: 90.1 Date Received: 11/27/2024

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	4400		12/16/2024	0332
7440-36-0	Antimony	0.95	J*	12/16/2024	0332
7440-38-2	Arsenic	2.7		12/16/2024	0332
7440-39-3	Barium	41		12/16/2024	0332
7440-41-7	Beryllium	0.35	J	12/16/2024	0332
7440-43-9	Cadmium	0.20	J	12/16/2024	0332
7440-70-2	Calcium	37000		12/16/2024	0332
7440-47-3	Chromium	6.9	*	12/16/2024	0332
7440-48-4	Cobalt	9.6	*	12/16/2024	0332
7440-50-8	Copper	6.8		12/16/2024	0332
7439-89-6	Iron	11000		12/16/2024	0332
7439-92-1	Lead	8.6		12/16/2024	0332
7439-95-4	Magnesium	7100	*	12/16/2024	0332
7439-96-5	Manganese	530	*	12/16/2024	0332
7440-02-0	Nickel	12		12/16/2024	0332
7440-09-7	Potassium	610		12/16/2024	0332
7782-49-2	Selenium	2.9	U*	12/16/2024	0332
7440-22-4	Silver	0.83	U*	12/16/2024	0332
7440-23-5	Sodium	420	U	12/16/2024	0332
7440-28-0	Thallium	2.3		12/16/2024	0332
7440-62-2	Vanadium	11		12/16/2024	0332
7440-66-6	Zinc	17	*	12/16/2024	0332

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHKF1

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHK34

Matrix: SOIL Lab Sample ID: P5028-19

% Solids: 89.5 Date Received: 11/27/2024

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		12/16/2024	0336
7440-36-0	Antimony	1.4	J*	12/16/2024	0336
7440-38-2	Arsenic	2.8		12/16/2024	0336
7440-39-3	Barium	55		12/16/2024	0336
7440-41-7	Beryllium	0.34	J	12/16/2024	0336
7440-43-9	Cadmium	0.23	J	12/16/2024	0336
7440-70-2	Calcium	37000		12/16/2024	0336
7440-47-3	Chromium	7.2	*	12/16/2024	0336
7440-48-4	Cobalt	9.6	*	12/16/2024	0336
7440-50-8	Copper	9.5		12/16/2024	0336
7439-89-6	Iron	12000		12/16/2024	0336
7439-92-1	Lead	8.8		12/16/2024	0336
7439-95-4	Magnesium	5900	*	12/16/2024	0336
7439-96-5	Manganese	680	*	12/16/2024	0336
7440-02-0	Nickel	14		12/16/2024	0336
7440-09-7	Potassium	570		12/16/2024	0336
7782-49-2	Selenium	2.9	U*	12/16/2024	0336
7440-22-4	Silver	0.83	U*	12/16/2024	0336
7440-23-5	Sodium	410	U	12/16/2024	0336
7440-28-0	Thallium	2.4		12/16/2024	0336
7440-62-2	Vanadium	11		12/16/2024	0336
7440-66-6	Zinc	18	*	12/16/2024	0336

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

Comments:

FORM 1 - IN
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MBHKF2

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHK34

Matrix: SOIL Lab Sample ID: P5028-20

% Solids: 90.7 Date Received: 11/27/2024

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	4300		12/16/2024	0340
7440-36-0	Antimony	0.50	J*	12/16/2024	0340
7440-38-2	Arsenic	2.5		12/16/2024	0340
7440-39-3	Barium	37		12/16/2024	0340
7440-41-7	Beryllium	0.34	J	12/16/2024	0340
7440-43-9	Cadmium	0.19	J	12/16/2024	0340
7440-70-2	Calcium	39000		12/16/2024	0340
7440-47-3	Chromium	7.3	*	12/16/2024	0340
7440-48-4	Cobalt	9.4	*	12/16/2024	0340
7440-50-8	Copper	12		12/16/2024	0340
7439-89-6	Iron	10000		12/16/2024	0340
7439-92-1	Lead	9.6		12/16/2024	0340
7439-95-4	Magnesium	7500	*	12/16/2024	0340
7439-96-5	Manganese	380	*	12/16/2024	0340
7440-02-0	Nickel	13		12/16/2024	0340
7440-09-7	Potassium	490		12/16/2024	0340
7782-49-2	Selenium	3.2	U*	12/16/2024	0340
7440-22-4	Silver	0.91	U*	12/16/2024	0340
7440-23-5	Sodium	460	U	12/16/2024	0340
7440-28-0	Thallium	2.3		12/16/2024	0340
7440-62-2	Vanadium	11		12/16/2024	0340
7440-66-6	Zinc	22	*	12/16/2024	0340

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

Comments:

FORM 1 - IN
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MBHKG2

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHK34

Matrix: SOIL Lab Sample ID: P5028-21

% Solids: 89.8 Date Received: 11/27/2024

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		12/16/2024	0343
7440-36-0	Antimony	0.98	J*	12/16/2024	0343
7440-38-2	Arsenic	2.2		12/16/2024	0343
7440-39-3	Barium	40		12/16/2024	0343
7440-41-7	Beryllium	0.36	J	12/16/2024	0343
7440-43-9	Cadmium	0.22	J	12/16/2024	0343
7440-70-2	Calcium	41000		12/16/2024	0343
7440-47-3	Chromium	7.4	*	12/16/2024	0343
7440-48-4	Cobalt	9.7	*	12/16/2024	0343
7440-50-8	Copper	8.0		12/16/2024	0343
7439-89-6	Iron	12000		12/16/2024	0343
7439-92-1	Lead	8.9		12/16/2024	0343
7439-95-4	Magnesium	7700	*	12/16/2024	0343
7439-96-5	Manganese	560	*	12/16/2024	0343
7440-02-0	Nickel	13		12/16/2024	0343
7440-09-7	Potassium	630		12/16/2024	0343
7782-49-2	Selenium	3.1	U*	12/16/2024	0343
7440-22-4	Silver	0.90	U*	12/16/2024	0343
7440-23-5	Sodium	450	U	12/16/2024	0343
7440-28-0	Thallium	2.5		12/16/2024	0343
7440-62-2	Vanadium	12		12/16/2024	0343
7440-66-6	Zinc	18	*	12/16/2024	0343

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

Comments:

FORM 1 - IN
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MBHKG3

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHK34

Matrix: SOIL Lab Sample ID: P5028-22

% Solids: 89.9 Date Received: 11/27/2024

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		12/16/2024	0347
7440-36-0	Antimony	1.2	J*	12/16/2024	0347
7440-38-2	Arsenic	2.9		12/16/2024	0347
7440-39-3	Barium	45		12/16/2024	0347
7440-41-7	Beryllium	0.44	J	12/16/2024	0347
7440-43-9	Cadmium	0.20	J	12/16/2024	0347
7440-70-2	Calcium	21000		12/16/2024	0347
7440-47-3	Chromium	8.3	*	12/16/2024	0347
7440-48-4	Cobalt	9.6	*	12/16/2024	0347
7440-50-8	Copper	12		12/16/2024	0347
7439-89-6	Iron	13000		12/16/2024	0347
7439-92-1	Lead	12		12/16/2024	0347
7439-95-4	Magnesium	6500	*	12/16/2024	0347
7439-96-5	Manganese	320	*	12/16/2024	0347
7440-02-0	Nickel	14		12/16/2024	0347
7440-09-7	Potassium	370	J	12/16/2024	0347
7782-49-2	Selenium	3.3	U*	12/16/2024	0347
7440-22-4	Silver	0.94	U*	12/16/2024	0347
7440-23-5	Sodium	470	U	12/16/2024	0347
7440-28-0	Thallium	1.6	J	12/16/2024	0347
7440-62-2	Vanadium	13		12/16/2024	0347
7440-66-6	Zinc	23	*	12/16/2024	0347

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

Comments: