

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHK12

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHK12

Matrix: SOIL Lab Sample ID: P5015-01

% Solids: 77.5 Date Received: 11/26/2024

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	5700		12/03/2024	2242
7440-36-0	Antimony	1.1	J	12/03/2024	2242
7440-38-2	Arsenic	8.9	*	12/03/2024	2242
7440-39-3	Barium	120		12/03/2024	2242
7440-41-7	Beryllium	0.56		12/03/2024	2242
7440-43-9	Cadmium	0.57		12/03/2024	2242
7440-70-2	Calcium	10000		12/03/2024	2242
7440-47-3	Chromium	12	*	12/03/2024	2242
7440-48-4	Cobalt	6.4		12/03/2024	2242
7440-50-8	Copper	42	*	12/03/2024	2242
7439-89-6	Iron	15000	*	12/03/2024	2242
7439-92-1	Lead	140		12/03/2024	2242
7439-95-4	Magnesium	4000		12/03/2024	2242
7439-96-5	Manganese	800	*	12/03/2024	2242
7440-02-0	Nickel	17		12/03/2024	2242
7440-09-7	Potassium	740		12/03/2024	2242
7782-49-2	Selenium	3.7	U*	12/03/2024	2242
7440-22-4	Silver	1.1	U*	12/03/2024	2242
7440-23-5	Sodium	530	U	12/03/2024	2242
7440-28-0	Thallium	2.6	U*	12/03/2024	2242
7440-62-2	Vanadium	15		12/03/2024	2242
7440-66-6	Zinc	120	*	12/03/2024	2242

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

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MBHK13

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHK12

Matrix: Water Lab Sample ID: P5015-02

% Solids: Date Received: 11/26/2024

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	52	J	12/24/2024	0141
7440-36-0	Antimony	60	U	12/24/2024	0141
7440-38-2	Arsenic	10	U	12/24/2024	0141
7440-39-3	Barium	200	U	12/24/2024	0141
7440-41-7	Beryllium	5.0	U	12/24/2024	0141
7440-43-9	Cadmium	5.0	U	12/24/2024	0141
7440-70-2	Calcium	5000	U	12/24/2024	0141
7440-47-3	Chromium	10	U	12/24/2024	0141
7440-48-4	Cobalt	50	U	12/24/2024	0141
7440-50-8	Copper	25	U	12/24/2024	0141
7439-89-6	Iron	100	U	12/24/2024	0141
7439-92-1	Lead	10	U	12/24/2024	0141
7439-95-4	Magnesium	5000	U	12/24/2024	0141
7439-96-5	Manganese	13	J	12/24/2024	0141
7440-02-0	Nickel	40	U	12/24/2024	0141
7440-09-7	Potassium	5000	U	12/24/2024	0141
7782-49-2	Selenium	35	U	12/24/2024	0141
7440-22-4	Silver	10	U	12/24/2024	0141
7440-23-5	Sodium	5000	U	12/24/2024	0141
7440-28-0	Thallium	25	U	12/24/2024	0141
7440-62-2	Vanadium	6.2	J	12/24/2024	0141
7440-66-6	Zinc	60	U	12/24/2024	0141

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

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MBHKJ8

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHK12

Matrix: SOIL Lab Sample ID: P5015-03

% Solids: 71.9 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	7000		12/04/2024	1930
7440-36-0	Antimony	1.1	J	12/04/2024	1930
7440-38-2	Arsenic	6.7	*	12/04/2024	1930
7440-39-3	Barium	200		12/04/2024	1930
7440-41-7	Beryllium	0.66		12/04/2024	1930
7440-43-9	Cadmium	0.85		12/04/2024	1930
7440-70-2	Calcium	11000		12/04/2024	1930
7440-47-3	Chromium	14	*	12/04/2024	1930
7440-48-4	Cobalt	7.2		12/04/2024	1930
7440-50-8	Copper	51	*	12/04/2024	1930
7439-89-6	Iron	14000	*	12/04/2024	1930
7439-92-1	Lead	350		12/04/2024	1930
7439-95-4	Magnesium	3000		12/04/2024	1930
7439-96-5	Manganese	620	*	12/04/2024	1930
7440-02-0	Nickel	19		12/04/2024	1930
7440-09-7	Potassium	1100		12/04/2024	1930
7782-49-2	Selenium	3.7	U*	12/04/2024	1930
7440-22-4	Silver	1.1	U*	12/04/2024	1930
7440-23-5	Sodium	160	J	12/04/2024	1930
7440-28-0	Thallium	2.7	U*	12/04/2024	1930
7440-62-2	Vanadium	19		12/04/2024	1930
7440-66-6	Zinc	280	*	12/04/2024	1930

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

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MBHKJ9

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHK12

Matrix: SOIL Lab Sample ID: P5015-04

% Solids: 79.4 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	6700		12/04/2024	1934
7440-36-0	Antimony	0.99	J	12/04/2024	1934
7440-38-2	Arsenic	6.5	*	12/04/2024	1934
7440-39-3	Barium	210		12/04/2024	1934
7440-41-7	Beryllium	0.62		12/04/2024	1934
7440-43-9	Cadmium	0.97		12/04/2024	1934
7440-70-2	Calcium	15000		12/04/2024	1934
7440-47-3	Chromium	13	*	12/04/2024	1934
7440-48-4	Cobalt	7.5		12/04/2024	1934
7440-50-8	Copper	53	*	12/04/2024	1934
7439-89-6	Iron	13000	*	12/04/2024	1934
7439-92-1	Lead	320		12/04/2024	1934
7439-95-4	Magnesium	2900		12/04/2024	1934
7439-96-5	Manganese	600	*	12/04/2024	1934
7440-02-0	Nickel	20		12/04/2024	1934
7440-09-7	Potassium	1000		12/04/2024	1934
7782-49-2	Selenium	3.0	U*	12/04/2024	1934
7440-22-4	Silver	0.87	U*	12/04/2024	1934
7440-23-5	Sodium	350	J	12/04/2024	1934
7440-28-0	Thallium	2.2	U*	12/04/2024	1934
7440-62-2	Vanadium	19		12/04/2024	1934
7440-66-6	Zinc	270	*	12/04/2024	1934

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

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MBHKK0

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHK12

Matrix: SOIL Lab Sample ID: P5015-05

% Solids: 82.5 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	6900		12/04/2024	1938
7440-36-0	Antimony	0.64	J	12/04/2024	1938
7440-38-2	Arsenic	7.9	*	12/04/2024	1938
7440-39-3	Barium	200		12/04/2024	1938
7440-41-7	Beryllium	0.64		12/04/2024	1938
7440-43-9	Cadmium	1.1		12/04/2024	1938
7440-70-2	Calcium	16000		12/04/2024	1938
7440-47-3	Chromium	22	*	12/04/2024	1938
7440-48-4	Cobalt	8.6		12/04/2024	1938
7440-50-8	Copper	50	*	12/04/2024	1938
7439-89-6	Iron	16000	*	12/04/2024	1938
7439-92-1	Lead	5200	D	12/11/2024	0242
7439-95-4	Magnesium	3000		12/04/2024	1938
7439-96-5	Manganese	670	*	12/04/2024	1938
7440-02-0	Nickel	28		12/04/2024	1938
7440-09-7	Potassium	1100		12/04/2024	1938
7782-49-2	Selenium	3.1	U*	12/04/2024	1938
7440-22-4	Silver	0.89	U*	12/04/2024	1938
7440-23-5	Sodium	150	J	12/04/2024	1938
7440-28-0	Thallium	2.2	U*	12/04/2024	1938
7440-62-2	Vanadium	21		12/04/2024	1938
7440-66-6	Zinc	300	*	12/04/2024	1938

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

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MBHKK1

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHK12

Matrix: SOIL Lab Sample ID: P5015-06

% Solids: 85 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	6500		12/04/2024	1942
7440-36-0	Antimony	0.69	J	12/04/2024	1942
7440-38-2	Arsenic	5.5	*	12/04/2024	1942
7440-39-3	Barium	140		12/04/2024	1942
7440-41-7	Beryllium	0.57		12/04/2024	1942
7440-43-9	Cadmium	0.65		12/04/2024	1942
7440-70-2	Calcium	18000		12/04/2024	1942
7440-47-3	Chromium	10	*	12/04/2024	1942
7440-48-4	Cobalt	7.5		12/04/2024	1942
7440-50-8	Copper	28	*	12/04/2024	1942
7439-89-6	Iron	14000	*	12/04/2024	1942
7439-92-1	Lead	530		12/04/2024	1942
7439-95-4	Magnesium	3600		12/04/2024	1942
7439-96-5	Manganese	810	*	12/04/2024	1942
7440-02-0	Nickel	15		12/04/2024	1942
7440-09-7	Potassium	800		12/04/2024	1942
7782-49-2	Selenium	3.3	U*	12/04/2024	1942
7440-22-4	Silver	0.95	U*	12/04/2024	1942
7440-23-5	Sodium	200	J	12/04/2024	1942
7440-28-0	Thallium	2.4	U*	12/04/2024	1942
7440-62-2	Vanadium	17		12/04/2024	1942
7440-66-6	Zinc	170	*	12/04/2024	1942

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

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MBHKK2

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHK12

Matrix: SOIL Lab Sample ID: P5015-07

% Solids: 91 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		12/04/2024	1946
7440-36-0	Antimony	0.46	J	12/04/2024	1946
7440-38-2	Arsenic	4.6	*	12/04/2024	1946
7440-39-3	Barium	100		12/04/2024	1946
7440-41-7	Beryllium	0.40	J	12/04/2024	1946
7440-43-9	Cadmium	0.40	J	12/04/2024	1946
7440-70-2	Calcium	60000		12/04/2024	1946
7440-47-3	Chromium	7.3	*	12/04/2024	1946
7440-48-4	Cobalt	6.7		12/04/2024	1946
7440-50-8	Copper	22	*	12/04/2024	1946
7439-89-6	Iron	13000	*	12/04/2024	1946
7439-92-1	Lead	65		12/04/2024	1946
7439-95-4	Magnesium	8900		12/04/2024	1946
7439-96-5	Manganese	1000	*	12/04/2024	1946
7440-02-0	Nickel	13		12/04/2024	1946
7440-09-7	Potassium	720		12/04/2024	1946
7782-49-2	Selenium	3.3	U*	12/04/2024	1946
7440-22-4	Silver	0.96	U*	12/04/2024	1946
7440-23-5	Sodium	140	J	12/04/2024	1946
7440-28-0	Thallium	2.4	U*	12/04/2024	1946
7440-62-2	Vanadium	13		12/04/2024	1946
7440-66-6	Zinc	90	*	12/04/2024	1946

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

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MBHKK3

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHK12

Matrix: SOIL Lab Sample ID: P5015-08

% Solids: 93.2 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	3800		12/04/2024	1950
7440-36-0	Antimony	5.2	U	12/04/2024	1950
7440-38-2	Arsenic	4.8	*	12/04/2024	1950
7440-39-3	Barium	84		12/04/2024	1950
7440-41-7	Beryllium	0.33	J	12/04/2024	1950
7440-43-9	Cadmium	0.26	J	12/04/2024	1950
7440-70-2	Calcium	79000	D	12/11/2024	0246
7440-47-3	Chromium	6.1	*	12/04/2024	1950
7440-48-4	Cobalt	6.1		12/04/2024	1950
7440-50-8	Copper	23	*	12/04/2024	1950
7439-89-6	Iron	12000	*	12/04/2024	1950
7439-92-1	Lead	41		12/04/2024	1950
7439-95-4	Magnesium	11000		12/04/2024	1950
7439-96-5	Manganese	890	*	12/04/2024	1950
7440-02-0	Nickel	12		12/04/2024	1950
7440-09-7	Potassium	700		12/04/2024	1950
7782-49-2	Selenium	3.1	U*	12/04/2024	1950
7440-22-4	Silver	0.87	U*	12/04/2024	1950
7440-23-5	Sodium	150	J	12/04/2024	1950
7440-28-0	Thallium	2.2	U*	12/04/2024	1950
7440-62-2	Vanadium	11		12/04/2024	1950
7440-66-6	Zinc	55	*	12/04/2024	1950

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

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MBHKK4

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHK12

Matrix: SOIL Lab Sample ID: P5015-09

% Solids: 95.8 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	3400		12/04/2024	1954
7440-36-0	Antimony	4.8	U	12/04/2024	1954
7440-38-2	Arsenic	5.3	*	12/04/2024	1954
7440-39-3	Barium	36		12/04/2024	1954
7440-41-7	Beryllium	0.27	J	12/04/2024	1954
7440-43-9	Cadmium	0.20	J	12/04/2024	1954
7440-70-2	Calcium	110000	D	12/11/2024	0250
7440-47-3	Chromium	5.1	*	12/04/2024	1954
7440-48-4	Cobalt	6.1		12/04/2024	1954
7440-50-8	Copper	23	*	12/04/2024	1954
7439-89-6	Iron	9000	*	12/04/2024	1954
7439-92-1	Lead	16		12/04/2024	1954
7439-95-4	Magnesium	16000		12/04/2024	1954
7439-96-5	Manganese	740	*	12/04/2024	1954
7440-02-0	Nickel	11		12/04/2024	1954
7440-09-7	Potassium	820		12/04/2024	1954
7782-49-2	Selenium	2.8	U*	12/04/2024	1954
7440-22-4	Silver	0.80	U*	12/04/2024	1954
7440-23-5	Sodium	210	J	12/04/2024	1954
7440-28-0	Thallium	2.0	U*	12/04/2024	1954
7440-62-2	Vanadium	7.9		12/04/2024	1954
7440-66-6	Zinc	37	*	12/04/2024	1954

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

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MBHKL2

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHK12

Matrix: SOIL Lab Sample ID: P5015-10

% Solids: 72.9 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	7400		12/04/2024	1958
7440-36-0	Antimony	5.5	U	12/04/2024	1958
7440-38-2	Arsenic	4.9	*	12/04/2024	1958
7440-39-3	Barium	140		12/04/2024	1958
7440-41-7	Beryllium	0.67		12/04/2024	1958
7440-43-9	Cadmium	0.41	J	12/04/2024	1958
7440-70-2	Calcium	5500		12/04/2024	1958
7440-47-3	Chromium	12	*	12/04/2024	1958
7440-48-4	Cobalt	7.5		12/04/2024	1958
7440-50-8	Copper	31	*	12/04/2024	1958
7439-89-6	Iron	14000	*	12/04/2024	1958
7439-92-1	Lead	130		12/04/2024	1958
7439-95-4	Magnesium	1900		12/04/2024	1958
7439-96-5	Manganese	630	*	12/04/2024	1958
7440-02-0	Nickel	18		12/04/2024	1958
7440-09-7	Potassium	950		12/04/2024	1958
7782-49-2	Selenium	3.2	U*	12/04/2024	1958
7440-22-4	Silver	0.92	U*	12/04/2024	1958
7440-23-5	Sodium	120	J	12/04/2024	1958
7440-28-0	Thallium	2.3	U*	12/04/2024	1958
7440-62-2	Vanadium	17		12/04/2024	1958
7440-66-6	Zinc	130	*	12/04/2024	1958

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

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MBHKL3

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHK12

Matrix: SOIL Lab Sample ID: P5015-11

% Solids: 77.4 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	7500		12/04/2024	2002
7440-36-0	Antimony	0.67	J	12/04/2024	2002
7440-38-2	Arsenic	5.5	*	12/04/2024	2002
7440-39-3	Barium	150		12/04/2024	2002
7440-41-7	Beryllium	0.69		12/04/2024	2002
7440-43-9	Cadmium	0.49	J	12/04/2024	2002
7440-70-2	Calcium	5900		12/04/2024	2002
7440-47-3	Chromium	13	*	12/04/2024	2002
7440-48-4	Cobalt	7.8		12/04/2024	2002
7440-50-8	Copper	35	*	12/04/2024	2002
7439-89-6	Iron	14000	*	12/04/2024	2002
7439-92-1	Lead	190		12/04/2024	2002
7439-95-4	Magnesium	1900		12/04/2024	2002
7439-96-5	Manganese	680	*	12/04/2024	2002
7440-02-0	Nickel	18		12/04/2024	2002
7440-09-7	Potassium	940		12/04/2024	2002
7782-49-2	Selenium	3.6	U*	12/04/2024	2002
7440-22-4	Silver	1.0	U*	12/04/2024	2002
7440-23-5	Sodium	130	J	12/04/2024	2002
7440-28-0	Thallium	2.6	U*	12/04/2024	2002
7440-62-2	Vanadium	18		12/04/2024	2002
7440-66-6	Zinc	140	*	12/04/2024	2002

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

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MBHKL4

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHK12

Matrix: SOIL Lab Sample ID: P5015-12

% Solids: 81.2 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	7500		12/04/2024	2006
7440-36-0	Antimony	2.2	J	12/04/2024	2006
7440-38-2	Arsenic	8.0	*	12/04/2024	2006
7440-39-3	Barium	170		12/04/2024	2006
7440-41-7	Beryllium	0.72		12/04/2024	2006
7440-43-9	Cadmium	0.49	J	12/04/2024	2006
7440-70-2	Calcium	6300		12/04/2024	2006
7440-47-3	Chromium	11	*	12/04/2024	2006
7440-48-4	Cobalt	8.8		12/04/2024	2006
7440-50-8	Copper	40	*	12/04/2024	2006
7439-89-6	Iron	20000	*	12/04/2024	2006
7439-92-1	Lead	130		12/04/2024	2006
7439-95-4	Magnesium	2000		12/04/2024	2006
7439-96-5	Manganese	770	*	12/04/2024	2006
7440-02-0	Nickel	19		12/04/2024	2006
7440-09-7	Potassium	900		12/04/2024	2006
7782-49-2	Selenium	3.8	U*	12/04/2024	2006
7440-22-4	Silver	1.1	U*	12/04/2024	2006
7440-23-5	Sodium	160	J	12/04/2024	2006
7440-28-0	Thallium	2.7	U*	12/04/2024	2006
7440-62-2	Vanadium	19		12/04/2024	2006
7440-66-6	Zinc	130	*	12/04/2024	2006

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHKM5

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHK12

Matrix: SOIL Lab Sample ID: P5015-13

% Solids: 88.5 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	4300		12/04/2024	2009
7440-36-0	Antimony	0.51	J	12/04/2024	2009
7440-38-2	Arsenic	4.0	*	12/04/2024	2009
7440-39-3	Barium	59		12/04/2024	2009
7440-41-7	Beryllium	0.35	J	12/04/2024	2009
7440-43-9	Cadmium	0.10	J	12/04/2024	2009
7440-70-2	Calcium	28000		12/04/2024	2009
7440-47-3	Chromium	6.4	*	12/04/2024	2009
7440-48-4	Cobalt	4.7		12/04/2024	2009
7440-50-8	Copper	15	*	12/04/2024	2009
7439-89-6	Iron	12000	*	12/04/2024	2009
7439-92-1	Lead	14		12/04/2024	2009
7439-95-4	Magnesium	7900		12/04/2024	2009
7439-96-5	Manganese	1300	*	12/04/2024	2009
7440-02-0	Nickel	11		12/04/2024	2009
7440-09-7	Potassium	540		12/04/2024	2009
7782-49-2	Selenium	3.2	U*	12/04/2024	2009
7440-22-4	Silver	0.93	U*	12/04/2024	2009
7440-23-5	Sodium	140	J	12/04/2024	2009
7440-28-0	Thallium	2.3	U*	12/04/2024	2009
7440-62-2	Vanadium	11		12/04/2024	2009
7440-66-6	Zinc	34	*	12/04/2024	2009

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHKQ2

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHK12

Matrix: SOIL Lab Sample ID: P5015-14

% Solids: 93.1 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	3800		12/04/2024	2013
7440-36-0	Antimony	0.58	J	12/04/2024	2013
7440-38-2	Arsenic	5.2	*	12/04/2024	2013
7440-39-3	Barium	51		12/04/2024	2013
7440-41-7	Beryllium	0.39	J	12/04/2024	2013
7440-43-9	Cadmium	0.054	J	12/04/2024	2013
7440-70-2	Calcium	97000	D	12/11/2024	0254
7440-47-3	Chromium	6.5	*	12/04/2024	2013
7440-48-4	Cobalt	5.7		12/04/2024	2013
7440-50-8	Copper	17	*	12/04/2024	2013
7439-89-6	Iron	15000	*	12/04/2024	2013
7439-92-1	Lead	16		12/04/2024	2013
7439-95-4	Magnesium	37000		12/04/2024	2013
7439-96-5	Manganese	660	*	12/04/2024	2013
7440-02-0	Nickel	9.6		12/04/2024	2013
7440-09-7	Potassium	780		12/04/2024	2013
7782-49-2	Selenium	3.4	U*	12/04/2024	2013
7440-22-4	Silver	0.97	U*	12/04/2024	2013
7440-23-5	Sodium	220	J	12/04/2024	2013
7440-28-0	Thallium	2.4	U*	12/04/2024	2013
7440-62-2	Vanadium	13		12/04/2024	2013
7440-66-6	Zinc	50	*	12/04/2024	2013

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHKQ3

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHK12

Matrix: SOIL Lab Sample ID: P5015-15

% Solids: 71 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		12/04/2024	2025
7440-36-0	Antimony	1.0	J	12/04/2024	2025
7440-38-2	Arsenic	7.0	*	12/04/2024	2025
7440-39-3	Barium	210		12/04/2024	2025
7440-41-7	Beryllium	0.73		12/04/2024	2025
7440-43-9	Cadmium	0.89		12/04/2024	2025
7440-70-2	Calcium	12000		12/04/2024	2025
7440-47-3	Chromium	15	*	12/04/2024	2025
7440-48-4	Cobalt	7.9		12/04/2024	2025
7440-50-8	Copper	54	*	12/04/2024	2025
7439-89-6	Iron	15000	*	12/04/2024	2025
7439-92-1	Lead	330		12/04/2024	2025
7439-95-4	Magnesium	3200		12/04/2024	2025
7439-96-5	Manganese	650	*	12/04/2024	2025
7440-02-0	Nickel	22		12/04/2024	2025
7440-09-7	Potassium	1300		12/04/2024	2025
7782-49-2	Selenium	4.2	U*	12/04/2024	2025
7440-22-4	Silver	1.2	U*	12/04/2024	2025
7440-23-5	Sodium	180	J	12/04/2024	2025
7440-28-0	Thallium	3.0	U*	12/04/2024	2025
7440-62-2	Vanadium	21		12/04/2024	2025
7440-66-6	Zinc	300	*	12/04/2024	2025

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHKQ5

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHK12

Matrix: SOIL Lab Sample ID: P5015-16

% Solids: 77.6 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	6200		12/04/2024	2029
7440-36-0	Antimony	6.7	U	12/04/2024	2029
7440-38-2	Arsenic	7.2	*	12/04/2024	2029
7440-39-3	Barium	130		12/04/2024	2029
7440-41-7	Beryllium	0.59		12/04/2024	2029
7440-43-9	Cadmium	0.63		12/04/2024	2029
7440-70-2	Calcium	13000		12/04/2024	2029
7440-47-3	Chromium	12	*	12/04/2024	2029
7440-48-4	Cobalt	7.4		12/04/2024	2029
7440-50-8	Copper	130	*	12/04/2024	2029
7439-89-6	Iron	15000	*	12/04/2024	2029
7439-92-1	Lead	420		12/04/2024	2029
7439-95-4	Magnesium	3900		12/04/2024	2029
7439-96-5	Manganese	920	*	12/04/2024	2029
7440-02-0	Nickel	17		12/04/2024	2029
7440-09-7	Potassium	860		12/04/2024	2029
7782-49-2	Selenium	3.9	U*	12/04/2024	2029
7440-22-4	Silver	1.1	U*	12/04/2024	2029
7440-23-5	Sodium	160	J	12/04/2024	2029
7440-28-0	Thallium	2.8	U*	12/04/2024	2029
7440-62-2	Vanadium	14		12/04/2024	2029
7440-66-6	Zinc	180	*	12/04/2024	2029

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHKQ6

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHK12

Matrix: SOIL Lab Sample ID: P5015-17

% Solids: 83.5 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	6400		12/03/2024	2348
7440-36-0	Antimony	0.56	J	12/03/2024	2348
7440-38-2	Arsenic	8.7	*	12/03/2024	2348
7440-39-3	Barium	180		12/03/2024	2348
7440-41-7	Beryllium	0.64		12/03/2024	2348
7440-43-9	Cadmium	0.84		12/03/2024	2348
7440-70-2	Calcium	18000		12/03/2024	2348
7440-47-3	Chromium	12	*	12/03/2024	2348
7440-48-4	Cobalt	8.5		12/03/2024	2348
7440-50-8	Copper	44	*	12/03/2024	2348
7439-89-6	Iron	17000	*	12/03/2024	2348
7439-92-1	Lead	380		12/03/2024	2348
7439-95-4	Magnesium	3600		12/03/2024	2348
7439-96-5	Manganese	1100	*	12/03/2024	2348
7440-02-0	Nickel	22		12/03/2024	2348
7440-09-7	Potassium	530		12/03/2024	2348
7782-49-2	Selenium	2.9	U*	12/03/2024	2348
7440-22-4	Silver	0.83	U*	12/03/2024	2348
7440-23-5	Sodium	130	J	12/03/2024	2348
7440-28-0	Thallium	2.1	U*	12/03/2024	2348
7440-62-2	Vanadium	15		12/03/2024	2348
7440-66-6	Zinc	150	*	12/03/2024	2348

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHKQ7

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHK12

Matrix: SOIL Lab Sample ID: P5015-20

% 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	6300		12/04/2024	2033
7440-36-0	Antimony	0.45	J	12/04/2024	2033
7440-38-2	Arsenic	8.7	*	12/04/2024	2033
7440-39-3	Barium	170		12/04/2024	2033
7440-41-7	Beryllium	0.60		12/04/2024	2033
7440-43-9	Cadmium	0.48	J	12/04/2024	2033
7440-70-2	Calcium	21000		12/04/2024	2033
7440-47-3	Chromium	10	*	12/04/2024	2033
7440-48-4	Cobalt	9.0		12/04/2024	2033
7440-50-8	Copper	40	*	12/04/2024	2033
7439-89-6	Iron	17000	*	12/04/2024	2033
7439-92-1	Lead	260		12/04/2024	2033
7439-95-4	Magnesium	4900		12/04/2024	2033
7439-96-5	Manganese	1400	*	12/04/2024	2033
7440-02-0	Nickel	16		12/04/2024	2033
7440-09-7	Potassium	630		12/04/2024	2033
7782-49-2	Selenium	3.5	U*	12/04/2024	2033
7440-22-4	Silver	1.0	U*	12/04/2024	2033
7440-23-5	Sodium	180	J	12/04/2024	2033
7440-28-0	Thallium	2.5	U*	12/04/2024	2033
7440-62-2	Vanadium	15		12/04/2024	2033
7440-66-6	Zinc	110	*	12/04/2024	2033

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

Comments:

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INORGANIC ANALYSIS DATA SHEET

MBHKQ8

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHK12

Matrix: SOIL Lab Sample ID: P5015-21

% Solids: 88.7 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	5600		12/04/2024	2037
7440-36-0	Antimony	0.85	J	12/04/2024	2037
7440-38-2	Arsenic	5.6	*	12/04/2024	2037
7440-39-3	Barium	130		12/04/2024	2037
7440-41-7	Beryllium	0.51		12/04/2024	2037
7440-43-9	Cadmium	0.27	J	12/04/2024	2037
7440-70-2	Calcium	48000		12/04/2024	2037
7440-47-3	Chromium	9.0	*	12/04/2024	2037
7440-48-4	Cobalt	8.2		12/04/2024	2037
7440-50-8	Copper	32	*	12/04/2024	2037
7439-89-6	Iron	15000	*	12/04/2024	2037
7439-92-1	Lead	84		12/04/2024	2037
7439-95-4	Magnesium	8500		12/04/2024	2037
7439-96-5	Manganese	1200	*	12/04/2024	2037
7440-02-0	Nickel	14		12/04/2024	2037
7440-09-7	Potassium	670		12/04/2024	2037
7782-49-2	Selenium	3.5	U*	12/04/2024	2037
7440-22-4	Silver	0.99	U*	12/04/2024	2037
7440-23-5	Sodium	160	J	12/04/2024	2037
7440-28-0	Thallium	2.5	U*	12/04/2024	2037
7440-62-2	Vanadium	13		12/04/2024	2037
7440-66-6	Zinc	63	*	12/04/2024	2037

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHKQ9

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHK12

Matrix: SOIL Lab Sample ID: P5015-22

% Solids: 87.4 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	6900		12/04/2024	2041
7440-36-0	Antimony	0.46	J	12/04/2024	2041
7440-38-2	Arsenic	5.9	*	12/04/2024	2041
7440-39-3	Barium	150		12/04/2024	2041
7440-41-7	Beryllium	0.57		12/04/2024	2041
7440-43-9	Cadmium	0.29	J	12/04/2024	2041
7440-70-2	Calcium	15000		12/04/2024	2041
7440-47-3	Chromium	10	*	12/04/2024	2041
7440-48-4	Cobalt	8.9		12/04/2024	2041
7440-50-8	Copper	30	*	12/04/2024	2041
7439-89-6	Iron	16000	*	12/04/2024	2041
7439-92-1	Lead	74		12/04/2024	2041
7439-95-4	Magnesium	3600		12/04/2024	2041
7439-96-5	Manganese	1200	*	12/04/2024	2041
7440-02-0	Nickel	15		12/04/2024	2041
7440-09-7	Potassium	570		12/04/2024	2041
7782-49-2	Selenium	3.5	U*	12/04/2024	2041
7440-22-4	Silver	1.0	U*	12/04/2024	2041
7440-23-5	Sodium	170	J	12/04/2024	2041
7440-28-0	Thallium	2.5	U*	12/04/2024	2041
7440-62-2	Vanadium	14		12/04/2024	2041
7440-66-6	Zinc	69	*	12/04/2024	2041

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

Comments: