

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHMQ0

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHMQ0

Matrix: SOIL Lab Sample ID: P5199-01

% Solids: 74.2 Date Received: 12/07/2024

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	8400	*	01/08/2025	2320
7440-36-0	Antimony	3.0	J*	01/08/2025	2320
7440-38-2	Arsenic	18	*	01/08/2025	2320
7440-39-3	Barium	87	*	01/08/2025	2320
7440-41-7	Beryllium	1.0	*	01/08/2025	2320
7440-43-9	Cadmium	0.71		01/08/2025	2320
7440-70-2	Calcium	3500	*	01/08/2025	2320
7440-47-3	Chromium	12	*	01/08/2025	2320
7440-48-4	Cobalt	12		01/08/2025	2320
7440-50-8	Copper	30	*	01/08/2025	2320
7439-89-6	Iron	18000	*	01/08/2025	2320
7439-92-1	Lead	67		01/08/2025	2320
7439-95-4	Magnesium	1800	*	01/08/2025	2320
7439-96-5	Manganese	810	*	01/08/2025	2320
7440-02-0	Nickel	17		01/08/2025	2320
7440-09-7	Potassium	210	J	01/08/2025	2320
7782-49-2	Selenium	11	*	01/08/2025	2320
7440-22-4	Silver	0.96	U*	01/08/2025	2320
7440-23-5	Sodium	480	U	01/08/2025	2320
7440-28-0	Thallium	2.4	U*	01/08/2025	2320
7440-62-2	Vanadium	19		01/08/2025	2320
7440-66-6	Zinc	110	*	01/08/2025	2320

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

Comments:

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MBHMQ1

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHMQ0

Matrix: SOIL Lab Sample ID: P5199-02

% Solids: 78.3 Date Received: 12/07/2024

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	*	01/08/2025	2323
7440-36-0	Antimony	2.2	J*	01/08/2025	2323
7440-38-2	Arsenic	16	*	01/08/2025	2323
7440-39-3	Barium	79	*	01/08/2025	2323
7440-41-7	Beryllium	0.98	*	01/08/2025	2323
7440-43-9	Cadmium	0.58		01/08/2025	2323
7440-70-2	Calcium	3200	*	01/08/2025	2323
7440-47-3	Chromium	11	*	01/08/2025	2323
7440-48-4	Cobalt	11		01/08/2025	2323
7440-50-8	Copper	29	*	01/08/2025	2323
7439-89-6	Iron	17000	*	01/08/2025	2323
7439-92-1	Lead	59		01/08/2025	2323
7439-95-4	Magnesium	1700	*	01/08/2025	2323
7439-96-5	Manganese	750	*	01/08/2025	2323
7440-02-0	Nickel	15		01/08/2025	2323
7440-09-7	Potassium	85	J	01/08/2025	2323
7782-49-2	Selenium	10	*	01/08/2025	2323
7440-22-4	Silver	0.93	U*	01/08/2025	2323
7440-23-5	Sodium	470	U	01/08/2025	2323
7440-28-0	Thallium	2.3	U*	01/08/2025	2323
7440-62-2	Vanadium	18		01/08/2025	2323
7440-66-6	Zinc	79	*	01/08/2025	2323

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

Comments:

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EPA SAMPLE NO.

MBHMQ2

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHMQ0
 Matrix: SOIL Lab Sample ID: P5199-03
 % Solids: 87 Date Received: 12/07/2024

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	9200	*	01/08/2025	2327
7440-36-0	Antimony	3.9	J*	01/08/2025	2327
7440-38-2	Arsenic	17	*	01/08/2025	2327
7440-39-3	Barium	56	*	01/08/2025	2327
7440-41-7	Beryllium	1.3	*	01/08/2025	2327
7440-43-9	Cadmium	0.26	J	01/08/2025	2327
7440-70-2	Calcium	2600	*	01/08/2025	2327
7440-47-3	Chromium	11	*	01/08/2025	2327
7440-48-4	Cobalt	13		01/08/2025	2327
7440-50-8	Copper	33	*	01/08/2025	2327
7439-89-6	Iron	25000	*	01/08/2025	2327
7439-92-1	Lead	36		01/08/2025	2327
7439-95-4	Magnesium	1700	*	01/08/2025	2327
7439-96-5	Manganese	600	*	01/08/2025	2327
7440-02-0	Nickel	12		01/08/2025	2327
7440-09-7	Potassium	460	U	01/08/2025	2327
7782-49-2	Selenium	15	*	01/08/2025	2327
7440-22-4	Silver	0.92	U*	01/08/2025	2327
7440-23-5	Sodium	460	U	01/08/2025	2327
7440-28-0	Thallium	2.3	U*	01/08/2025	2327
7440-62-2	Vanadium	20		01/08/2025	2327
7440-66-6	Zinc	68	*	01/08/2025	2327

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

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MBHMQ3

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHMQ0

Matrix: SOIL Lab Sample ID: P5199-04

% Solids: 83.5 Date Received: 12/07/2024

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	8900	*	01/08/2025	1954
7440-36-0	Antimony	3.8	J*	01/08/2025	1954
7440-38-2	Arsenic	28	*	01/08/2025	1954
7440-39-3	Barium	80	*	01/08/2025	1954
7440-41-7	Beryllium	1.2	*	01/08/2025	1954
7440-43-9	Cadmium	0.78		01/08/2025	1954
7440-70-2	Calcium	3100	*	01/08/2025	1954
7440-47-3	Chromium	12	*	01/08/2025	1954
7440-48-4	Cobalt	23		01/08/2025	1954
7440-50-8	Copper	65	*	01/08/2025	1954
7439-89-6	Iron	26000	*	01/08/2025	1954
7439-92-1	Lead	79		01/08/2025	1954
7439-95-4	Magnesium	1900	*	01/08/2025	1954
7439-96-5	Manganese	1800	*	01/08/2025	1954
7440-02-0	Nickel	25		01/08/2025	1954
7440-09-7	Potassium	430	U	01/08/2025	1954
7782-49-2	Selenium	16	*	01/08/2025	1954
7440-22-4	Silver	0.87	U*	01/08/2025	1954
7440-23-5	Sodium	430	U	01/08/2025	1954
7440-28-0	Thallium	2.2	U*	01/08/2025	1954
7440-62-2	Vanadium	13		01/08/2025	1954
7440-66-6	Zinc	110	*	01/08/2025	1954

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

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MBHMQ4

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHMQ0

Matrix: SOIL Lab Sample ID: P5199-07

% Solids: 86 Date Received: 12/07/2024

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	*	01/08/2025	2331
7440-36-0	Antimony	2.2	J*	01/08/2025	2331
7440-38-2	Arsenic	19	*	01/08/2025	2331
7440-39-3	Barium	89	*	01/08/2025	2331
7440-41-7	Beryllium	0.95	*	01/08/2025	2331
7440-43-9	Cadmium	0.54		01/08/2025	2331
7440-70-2	Calcium	50000	*	01/08/2025	2331
7440-47-3	Chromium	11	*	01/08/2025	2331
7440-48-4	Cobalt	17		01/08/2025	2331
7440-50-8	Copper	43	*	01/08/2025	2331
7439-89-6	Iron	20000	*	01/08/2025	2331
7439-92-1	Lead	38		01/08/2025	2331
7439-95-4	Magnesium	3700	*	01/08/2025	2331
7439-96-5	Manganese	1500	*	01/08/2025	2331
7440-02-0	Nickel	20		01/08/2025	2331
7440-09-7	Potassium	110	J	01/08/2025	2331
7782-49-2	Selenium	9.4	*	01/08/2025	2331
7440-22-4	Silver	0.86	U*	01/08/2025	2331
7440-23-5	Sodium	87	J	01/08/2025	2331
7440-28-0	Thallium	2.1	U*	01/08/2025	2331
7440-62-2	Vanadium	15		01/08/2025	2331
7440-66-6	Zinc	43	*	01/08/2025	2331

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

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MBHMQ5

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHMQ0

Matrix: SOIL Lab Sample ID: P5199-08

% Solids: 89.6 Date Received: 12/07/2024

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	*	01/08/2025	2335
7440-36-0	Antimony	2.2	J*	01/08/2025	2335
7440-38-2	Arsenic	15	*	01/08/2025	2335
7440-39-3	Barium	130	*	01/08/2025	2335
7440-41-7	Beryllium	0.76	*	01/08/2025	2335
7440-43-9	Cadmium	0.44		01/08/2025	2335
7440-70-2	Calcium	39000	*	01/08/2025	2335
7440-47-3	Chromium	9.5	*	01/08/2025	2335
7440-48-4	Cobalt	16		01/08/2025	2335
7440-50-8	Copper	30	*	01/08/2025	2335
7439-89-6	Iron	17000	*	01/08/2025	2335
7439-92-1	Lead	27		01/08/2025	2335
7439-95-4	Magnesium	4600	*	01/08/2025	2335
7439-96-5	Manganese	1500	*	01/08/2025	2335
7440-02-0	Nickel	19		01/08/2025	2335
7440-09-7	Potassium	400	U	01/08/2025	2335
7782-49-2	Selenium	8.2	*	01/08/2025	2335
7440-22-4	Silver	0.79	U*	01/08/2025	2335
7440-23-5	Sodium	78	J	01/08/2025	2335
7440-28-0	Thallium	2.0	U*	01/08/2025	2335
7440-62-2	Vanadium	10		01/08/2025	2335
7440-66-6	Zinc	40	*	01/08/2025	2335

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

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MBHMQ6

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHMQ0

Matrix: SOIL Lab Sample ID: P5199-09

% Solids: 89.7 Date Received: 12/07/2024

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	*	01/08/2025	2339
7440-36-0	Antimony	1.8	J*	01/08/2025	2339
7440-38-2	Arsenic	17	*	01/08/2025	2339
7440-39-3	Barium	100	*	01/08/2025	2339
7440-41-7	Beryllium	0.76	*	01/08/2025	2339
7440-43-9	Cadmium	0.39	J	01/08/2025	2339
7440-70-2	Calcium	31000	*	01/08/2025	2339
7440-47-3	Chromium	9.5	*	01/08/2025	2339
7440-48-4	Cobalt	17		01/08/2025	2339
7440-50-8	Copper	35	*	01/08/2025	2339
7439-89-6	Iron	17000	*	01/08/2025	2339
7439-92-1	Lead	24		01/08/2025	2339
7439-95-4	Magnesium	2800	*	01/08/2025	2339
7439-96-5	Manganese	1600	*	01/08/2025	2339
7440-02-0	Nickel	19		01/08/2025	2339
7440-09-7	Potassium	420	U	01/08/2025	2339
7782-49-2	Selenium	9.0	*	01/08/2025	2339
7440-22-4	Silver	0.83	U*	01/08/2025	2339
7440-23-5	Sodium	81	J	01/08/2025	2339
7440-28-0	Thallium	2.1	U*	01/08/2025	2339
7440-62-2	Vanadium	8.8		01/08/2025	2339
7440-66-6	Zinc	43	*	01/08/2025	2339

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

Comments:

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MBHMT1

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHMQ0

Matrix: SOIL Lab Sample ID: P5199-10

% Solids: 62.7 Date Received: 12/07/2024

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	*	01/08/2025	2342
7440-36-0	Antimony	2.6	J*	01/08/2025	2342
7440-38-2	Arsenic	18	*	01/08/2025	2342
7440-39-3	Barium	120	*	01/08/2025	2342
7440-41-7	Beryllium	1.0	*	01/08/2025	2342
7440-43-9	Cadmium	0.68		01/08/2025	2342
7440-70-2	Calcium	5400	*	01/08/2025	2342
7440-47-3	Chromium	14	*	01/08/2025	2342
7440-48-4	Cobalt	11		01/08/2025	2342
7440-50-8	Copper	43	*	01/08/2025	2342
7439-89-6	Iron	17000	*	01/08/2025	2342
7439-92-1	Lead	120		01/08/2025	2342
7439-95-4	Magnesium	2100	*	01/08/2025	2342
7439-96-5	Manganese	640	*	01/08/2025	2342
7440-02-0	Nickel	18		01/08/2025	2342
7440-09-7	Potassium	930		01/08/2025	2342
7782-49-2	Selenium	10	*	01/08/2025	2342
7440-22-4	Silver	1.1	U*	01/08/2025	2342
7440-23-5	Sodium	550	U	01/08/2025	2342
7440-28-0	Thallium	2.8	U*	01/08/2025	2342
7440-62-2	Vanadium	20		01/08/2025	2342
7440-66-6	Zinc	96	*	01/08/2025	2342

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

Comments:

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MBHMT2

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHMQ0

Matrix: SOIL Lab Sample ID: P5199-11

% Solids: 66.2 Date Received: 12/07/2024

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	*	01/08/2025	2346
7440-36-0	Antimony	2.6	J*	01/08/2025	2346
7440-38-2	Arsenic	15	*	01/08/2025	2346
7440-39-3	Barium	110	*	01/08/2025	2346
7440-41-7	Beryllium	0.87	*	01/08/2025	2346
7440-43-9	Cadmium	0.64		01/08/2025	2346
7440-70-2	Calcium	4700	*	01/08/2025	2346
7440-47-3	Chromium	13	*	01/08/2025	2346
7440-48-4	Cobalt	11		01/08/2025	2346
7440-50-8	Copper	38	*	01/08/2025	2346
7439-89-6	Iron	16000	*	01/08/2025	2346
7439-92-1	Lead	110		01/08/2025	2346
7439-95-4	Magnesium	2200	*	01/08/2025	2346
7439-96-5	Manganese	690	*	01/08/2025	2346
7440-02-0	Nickel	16		01/08/2025	2346
7440-09-7	Potassium	500	J	01/08/2025	2346
7782-49-2	Selenium	9.9	*	01/08/2025	2346
7440-22-4	Silver	1.1	U*	01/08/2025	2346
7440-23-5	Sodium	570	U	01/08/2025	2346
7440-28-0	Thallium	2.8	U*	01/08/2025	2346
7440-62-2	Vanadium	19		01/08/2025	2346
7440-66-6	Zinc	87	*	01/08/2025	2346

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

Comments:

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MBHMT3

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHMQ0

Matrix: SOIL Lab Sample ID: P5199-12

% Solids: 72.8 Date Received: 12/07/2024

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	*	01/08/2025	2350
7440-36-0	Antimony	2.2	J*	01/08/2025	2350
7440-38-2	Arsenic	17	*	01/08/2025	2350
7440-39-3	Barium	140	*	01/08/2025	2350
7440-41-7	Beryllium	0.93	*	01/08/2025	2350
7440-43-9	Cadmium	0.77		01/08/2025	2350
7440-70-2	Calcium	4000	*	01/08/2025	2350
7440-47-3	Chromium	14	*	01/08/2025	2350
7440-48-4	Cobalt	11		01/08/2025	2350
7440-50-8	Copper	37	*	01/08/2025	2350
7439-89-6	Iron	16000	*	01/08/2025	2350
7439-92-1	Lead	130		01/08/2025	2350
7439-95-4	Magnesium	1900	*	01/08/2025	2350
7439-96-5	Manganese	600	*	01/08/2025	2350
7440-02-0	Nickel	17		01/08/2025	2350
7440-09-7	Potassium	440	J	01/08/2025	2350
7782-49-2	Selenium	9.8	*	01/08/2025	2350
7440-22-4	Silver	0.95	U*	01/08/2025	2350
7440-23-5	Sodium	480	U	01/08/2025	2350
7440-28-0	Thallium	2.4	U*	01/08/2025	2350
7440-62-2	Vanadium	20		01/08/2025	2350
7440-66-6	Zinc	93	*	01/08/2025	2350

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

Comments: