

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHHA3

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

Lab Code: ACE Case No.: 51979 MA No. : SDG No.: MBHHA3

Matrix: SOIL Lab Sample ID: Q1314-01

% Solids: 98.3 Date Received: 02/06/2025

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	2600		02/07/2025	1410
7440-36-0	Antimony	2.5	J	02/07/2025	1410
7440-38-2	Arsenic	2.4		02/07/2025	1410
7440-39-3	Barium	23		02/07/2025	1410
7440-41-7	Beryllium	0.42	J	02/07/2025	1410
7440-43-9	Cadmium	0.45	U	02/07/2025	1410
7440-70-2	Calcium	170	J	02/07/2025	1410
7440-47-3	Chromium	5.0		02/07/2025	1410
7440-48-4	Cobalt	6.9		02/07/2025	1410
7440-50-8	Copper	4.9		02/07/2025	1410
7439-89-6	Iron	12000		02/07/2025	1410
7439-92-1	Lead	6.7		02/07/2025	1410
7439-95-4	Magnesium	850		02/07/2025	1410
7439-96-5	Manganese	98		02/07/2025	1410
7440-02-0	Nickel	4.3		02/07/2025	1410
7440-09-7	Potassium	1200		02/07/2025	1410
7782-49-2	Selenium	3.2	U	02/07/2025	1410
7440-22-4	Silver	0.90	U*	02/07/2025	1410
7440-23-5	Sodium	450	U	02/07/2025	1410
7440-28-0	Thallium	2.3	U	02/07/2025	1410
7440-62-2	Vanadium	3.8	J	02/07/2025	1410
7440-66-6	Zinc	4.3	J	02/07/2025	1410

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

Comments:

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MBHHA4

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

Lab Code: ACE Case No.: 51979 MA No. : SDG No.: MBHHA3

Matrix: SOIL Lab Sample ID: Q1314-02

% Solids: 89.5 Date Received: 02/06/2025

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	1300		02/07/2025	1414
7440-36-0	Antimony	1.5	J	02/07/2025	1414
7440-38-2	Arsenic	3.1		02/07/2025	1414
7440-39-3	Barium	20		02/07/2025	1414
7440-41-7	Beryllium	0.27	J	02/07/2025	1414
7440-43-9	Cadmium	0.40	U	02/07/2025	1414
7440-70-2	Calcium	140	J	02/07/2025	1414
7440-47-3	Chromium	9.1		02/07/2025	1414
7440-48-4	Cobalt	1.4	J	02/07/2025	1414
7440-50-8	Copper	6.5		02/07/2025	1414
7439-89-6	Iron	7000		02/07/2025	1414
7439-92-1	Lead	4.8		02/07/2025	1414
7439-95-4	Magnesium	210	J	02/07/2025	1414
7439-96-5	Manganese	23		02/07/2025	1414
7440-02-0	Nickel	2.2	J	02/07/2025	1414
7440-09-7	Potassium	1200		02/07/2025	1414
7782-49-2	Selenium	2.8	U	02/07/2025	1414
7440-22-4	Silver	0.80	U*	02/07/2025	1414
7440-23-5	Sodium	400	U	02/07/2025	1414
7440-28-0	Thallium	2.0	U	02/07/2025	1414
7440-62-2	Vanadium	2.2	J	02/07/2025	1414
7440-66-6	Zinc	4.8	U	02/07/2025	1414

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

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MBHHA5

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

Lab Code: ACE Case No.: 51979 MA No. : SDG No.: MBHHA3

Matrix: SOIL Lab Sample ID: Q1314-03

% Solids: 89.5 Date Received: 02/06/2025

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	2400		02/07/2025	1418
7440-36-0	Antimony	2.0	J	02/07/2025	1418
7440-38-2	Arsenic	1.4		02/07/2025	1418
7440-39-3	Barium	19		02/07/2025	1418
7440-41-7	Beryllium	0.31	J	02/07/2025	1418
7440-43-9	Cadmium	0.47	U	02/07/2025	1418
7440-70-2	Calcium	210	J	02/07/2025	1418
7440-47-3	Chromium	2.3		02/07/2025	1418
7440-48-4	Cobalt	2.9	J	02/07/2025	1418
7440-50-8	Copper	2.6		02/07/2025	1418
7439-89-6	Iron	9000		02/07/2025	1418
7439-92-1	Lead	6.3		02/07/2025	1418
7439-95-4	Magnesium	880		02/07/2025	1418
7439-96-5	Manganese	45		02/07/2025	1418
7440-02-0	Nickel	2.8	J	02/07/2025	1418
7440-09-7	Potassium	1200		02/07/2025	1418
7782-49-2	Selenium	3.3	U	02/07/2025	1418
7440-22-4	Silver	0.95	U*	02/07/2025	1418
7440-23-5	Sodium	470	U	02/07/2025	1418
7440-28-0	Thallium	2.4	U	02/07/2025	1418
7440-62-2	Vanadium	2.1	J	02/07/2025	1418
7440-66-6	Zinc	2.5	J	02/07/2025	1418

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

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MBHHA6

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

Lab Code: ACE Case No.: 51979 MA No. : SDG No.: MBHHA3

Matrix: SOIL Lab Sample ID: Q1314-04

% Solids: 93.2 Date Received: 02/06/2025

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	1900		02/07/2025	1422
7440-36-0	Antimony	1.8	J	02/07/2025	1422
7440-38-2	Arsenic	1.3		02/07/2025	1422
7440-39-3	Barium	29		02/07/2025	1422
7440-41-7	Beryllium	0.37	J	02/07/2025	1422
7440-43-9	Cadmium	0.44	U	02/07/2025	1422
7440-70-2	Calcium	130	J	02/07/2025	1422
7440-47-3	Chromium	2.2		02/07/2025	1422
7440-48-4	Cobalt	2.3	J	02/07/2025	1422
7440-50-8	Copper	0.95	J	02/07/2025	1422
7439-89-6	Iron	9000		02/07/2025	1422
7439-92-1	Lead	7.4		02/07/2025	1422
7439-95-4	Magnesium	120	J	02/07/2025	1422
7439-96-5	Manganese	30		02/07/2025	1422
7440-02-0	Nickel	0.91	J	02/07/2025	1422
7440-09-7	Potassium	1800		02/07/2025	1422
7782-49-2	Selenium	3.1	U	02/07/2025	1422
7440-22-4	Silver	0.87	U*	02/07/2025	1422
7440-23-5	Sodium	440	U	02/07/2025	1422
7440-28-0	Thallium	2.2	U	02/07/2025	1422
7440-62-2	Vanadium	1.9	J	02/07/2025	1422
7440-66-6	Zinc	5.2	U	02/07/2025	1422

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

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MBHHA7

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

Lab Code: ACE Case No.: 51979 MA No. : SDG No.: MBHHA3

Matrix: SOIL Lab Sample ID: Q1314-05

% Solids: 87.4 Date Received: 02/06/2025

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		02/07/2025	1426
7440-36-0	Antimony	3.8	J	02/07/2025	1426
7440-38-2	Arsenic	12		02/07/2025	1426
7440-39-3	Barium	81		02/07/2025	1426
7440-41-7	Beryllium	0.87		02/07/2025	1426
7440-43-9	Cadmium	0.036	J	02/07/2025	1426
7440-70-2	Calcium	680		02/07/2025	1426
7440-47-3	Chromium	10		02/07/2025	1426
7440-48-4	Cobalt	4.8		02/07/2025	1426
7440-50-8	Copper	7.0		02/07/2025	1426
7439-89-6	Iron	17000		02/07/2025	1426
7439-92-1	Lead	13		02/07/2025	1426
7439-95-4	Magnesium	510		02/07/2025	1426
7439-96-5	Manganese	88		02/07/2025	1426
7440-02-0	Nickel	4.9		02/07/2025	1426
7440-09-7	Potassium	2900		02/07/2025	1426
7782-49-2	Selenium	3.2	U	02/07/2025	1426
7440-22-4	Silver	0.90	U*	02/07/2025	1426
7440-23-5	Sodium	450	U	02/07/2025	1426
7440-28-0	Thallium	2.3	U	02/07/2025	1426
7440-62-2	Vanadium	11		02/07/2025	1426
7440-66-6	Zinc	5.4	U	02/07/2025	1426

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

Comments:

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MBHHA9

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

Lab Code: ACE Case No.: 51979 MA No. : SDG No.: MBHHA3

Matrix: Water Lab Sample ID: Q1314-08

% Solids: Date Received: 02/06/2025

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	02/12/2025	1412
7440-36-0	Antimony	60	U	02/12/2025	1412
7440-38-2	Arsenic	10	U	02/12/2025	1412
7440-39-3	Barium	10	J	02/12/2025	1412
7440-41-7	Beryllium	5.0	U	02/12/2025	1412
7440-43-9	Cadmium	5.0	U	02/12/2025	1412
7440-70-2	Calcium	11000		02/12/2025	1412
7440-47-3	Chromium	10	U	02/12/2025	1412
7440-48-4	Cobalt	8.0	J	02/12/2025	1412
7440-50-8	Copper	25	U	02/12/2025	1412
7439-89-6	Iron	290		02/12/2025	1412
7439-92-1	Lead	10	U	02/12/2025	1412
7439-95-4	Magnesium	2500	J	02/12/2025	1412
7439-96-5	Manganese	110		02/12/2025	1412
7440-02-0	Nickel	3.3	J	02/12/2025	1412
7440-09-7	Potassium	5000	U	02/12/2025	1412
7782-49-2	Selenium	35	U	02/12/2025	1412
7440-22-4	Silver	10	U*	02/12/2025	1412
7440-23-5	Sodium	5600		02/12/2025	1412
7440-28-0	Thallium	25	U	02/12/2025	1412
7440-62-2	Vanadium	50	U	02/12/2025	1412
7440-66-6	Zinc	25	J	02/12/2025	1412

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

Comments: