

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHMK3

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHMK3

Matrix: SOIL Lab Sample ID: P5129-01

% Solids: 76.7 Date Received: 12/05/2024

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		01/06/2025	0246
7440-36-0	Antimony	3.6	J*	01/06/2025	0246
7440-38-2	Arsenic	19		01/06/2025	0246
7440-39-3	Barium	150		01/06/2025	0246
7440-41-7	Beryllium	0.75		01/06/2025	0246
7440-43-9	Cadmium	0.76		01/06/2025	0246
7440-70-2	Calcium	6300		01/06/2025	0246
7440-47-3	Chromium	14		01/06/2025	0246
7440-48-4	Cobalt	14		01/06/2025	0246
7440-50-8	Copper	41	*	01/06/2025	0246
7439-89-6	Iron	18000		01/06/2025	0246
7439-92-1	Lead	240		01/06/2025	0246
7439-95-4	Magnesium	2000		01/06/2025	0246
7439-96-5	Manganese	1800		01/06/2025	0246
7440-02-0	Nickel	22		01/06/2025	0246
7440-09-7	Potassium	1100		01/06/2025	0246
7782-49-2	Selenium	9.9	*	01/06/2025	0246
7440-22-4	Silver	1.0	U*	01/06/2025	0246
7440-23-5	Sodium	510	U	01/06/2025	0246
7440-28-0	Thallium	2.5	U*	01/06/2025	0246
7440-62-2	Vanadium	19		01/06/2025	0246
7440-66-6	Zinc	150	*	01/06/2025	0246

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

Comments:

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MBHML0

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHMK3

Matrix: SOIL Lab Sample ID: P5129-04

% Solids: 80 Date Received: 12/05/2024

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		01/07/2025	0029
7440-36-0	Antimony	4.1	J*	01/07/2025	0029
7440-38-2	Arsenic	23		01/07/2025	0029
7440-39-3	Barium	170		01/07/2025	0029
7440-41-7	Beryllium	0.69		01/07/2025	0029
7440-43-9	Cadmium	1.1		01/07/2025	0029
7440-70-2	Calcium	14000		01/07/2025	0029
7440-47-3	Chromium	15		01/07/2025	0029
7440-48-4	Cobalt	15		01/07/2025	0029
7440-50-8	Copper	53	*	01/07/2025	0029
7439-89-6	Iron	20000		01/07/2025	0029
7439-92-1	Lead	380		01/07/2025	0029
7439-95-4	Magnesium	3200		01/07/2025	0029
7439-96-5	Manganese	1800		01/07/2025	0029
7440-02-0	Nickel	22		01/07/2025	0029
7440-09-7	Potassium	920		01/07/2025	0029
7782-49-2	Selenium	8.6	*	01/07/2025	0029
7440-22-4	Silver	1.0	U*	01/07/2025	0029
7440-23-5	Sodium	500	U	01/07/2025	0029
7440-28-0	Thallium	2.5	U*	01/07/2025	0029
7440-62-2	Vanadium	18		01/07/2025	0029
7440-66-6	Zinc	220	*	01/07/2025	0029

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

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MBHML1

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHMK3

Matrix: SOIL Lab Sample ID: P5129-05

% Solids: 83.8 Date Received: 12/05/2024

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		01/06/2025	2224
7440-36-0	Antimony	3.4	J*	01/06/2025	2224
7440-38-2	Arsenic	17		01/06/2025	2224
7440-39-3	Barium	93		01/06/2025	2224
7440-41-7	Beryllium	0.56		01/06/2025	2224
7440-43-9	Cadmium	0.56		01/06/2025	2224
7440-70-2	Calcium	25000		01/06/2025	2224
7440-47-3	Chromium	11		01/06/2025	2224
7440-48-4	Cobalt	13		01/06/2025	2224
7440-50-8	Copper	37	*	01/06/2025	2224
7439-89-6	Iron	17000		01/06/2025	2224
7439-92-1	Lead	170		01/06/2025	2224
7439-95-4	Magnesium	2900		01/06/2025	2224
7439-96-5	Manganese	1400		01/06/2025	2224
7440-02-0	Nickel	19		01/06/2025	2224
7440-09-7	Potassium	990		01/06/2025	2224
7782-49-2	Selenium	6.5	*	01/06/2025	2224
7440-22-4	Silver	0.85	U*	01/06/2025	2224
7440-23-5	Sodium	430	U	01/06/2025	2224
7440-28-0	Thallium	2.1	U*	01/06/2025	2224
7440-62-2	Vanadium	13		01/06/2025	2224
7440-66-6	Zinc	98	*	01/06/2025	2224

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

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MBHML2

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHMK3

Matrix: SOIL Lab Sample ID: P5129-06

% Solids: 83.2 Date Received: 12/05/2024

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		01/06/2025	2227
7440-36-0	Antimony	4.0	J*	01/06/2025	2227
7440-38-2	Arsenic	15		01/06/2025	2227
7440-39-3	Barium	77		01/06/2025	2227
7440-41-7	Beryllium	0.60		01/06/2025	2227
7440-43-9	Cadmium	0.55		01/06/2025	2227
7440-70-2	Calcium	20000		01/06/2025	2227
7440-47-3	Chromium	10		01/06/2025	2227
7440-48-4	Cobalt	13		01/06/2025	2227
7440-50-8	Copper	29	*	01/06/2025	2227
7439-89-6	Iron	18000		01/06/2025	2227
7439-92-1	Lead	95		01/06/2025	2227
7439-95-4	Magnesium	4400		01/06/2025	2227
7439-96-5	Manganese	1200		01/06/2025	2227
7440-02-0	Nickel	21		01/06/2025	2227
7440-09-7	Potassium	880		01/06/2025	2227
7782-49-2	Selenium	7.0	*	01/06/2025	2227
7440-22-4	Silver	0.90	U*	01/06/2025	2227
7440-23-5	Sodium	450	U	01/06/2025	2227
7440-28-0	Thallium	2.2	U*	01/06/2025	2227
7440-62-2	Vanadium	14		01/06/2025	2227
7440-66-6	Zinc	90	*	01/06/2025	2227

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

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MBHML3

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHMK3

Matrix: SOIL Lab Sample ID: P5129-07

% Solids: 83.7 Date Received: 12/05/2024

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		01/06/2025	2231
7440-36-0	Antimony	3.6	J*	01/06/2025	2231
7440-38-2	Arsenic	16		01/06/2025	2231
7440-39-3	Barium	88		01/06/2025	2231
7440-41-7	Beryllium	0.64		01/06/2025	2231
7440-43-9	Cadmium	0.54		01/06/2025	2231
7440-70-2	Calcium	29000		01/06/2025	2231
7440-47-3	Chromium	12		01/06/2025	2231
7440-48-4	Cobalt	14		01/06/2025	2231
7440-50-8	Copper	35	*	01/06/2025	2231
7439-89-6	Iron	19000		01/06/2025	2231
7439-92-1	Lead	120		01/06/2025	2231
7439-95-4	Magnesium	4100		01/06/2025	2231
7439-96-5	Manganese	1400		01/06/2025	2231
7440-02-0	Nickel	21		01/06/2025	2231
7440-09-7	Potassium	1100		01/06/2025	2231
7782-49-2	Selenium	6.3	*	01/06/2025	2231
7440-22-4	Silver	0.99	U*	01/06/2025	2231
7440-23-5	Sodium	490	U	01/06/2025	2231
7440-28-0	Thallium	2.5	U*	01/06/2025	2231
7440-62-2	Vanadium	15		01/06/2025	2231
7440-66-6	Zinc	92	*	01/06/2025	2231

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

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MBHML4

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHMK3

Matrix: SOIL Lab Sample ID: P5129-08

% Solids: 85.8 Date Received: 12/05/2024

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	4900		01/06/2025	2235
7440-36-0	Antimony	2.7	J*	01/06/2025	2235
7440-38-2	Arsenic	8.9		01/06/2025	2235
7440-39-3	Barium	49		01/06/2025	2235
7440-41-7	Beryllium	0.46		01/06/2025	2235
7440-43-9	Cadmium	0.49		01/06/2025	2235
7440-70-2	Calcium	99000	D	01/07/2025	2114
7440-47-3	Chromium	13		01/06/2025	2235
7440-48-4	Cobalt	12		01/06/2025	2235
7440-50-8	Copper	26	*	01/06/2025	2235
7439-89-6	Iron	13000		01/06/2025	2235
7439-92-1	Lead	78		01/06/2025	2235
7439-95-4	Magnesium	7300		01/06/2025	2235
7439-96-5	Manganese	770		01/06/2025	2235
7440-02-0	Nickel	17		01/06/2025	2235
7440-09-7	Potassium	1000		01/06/2025	2235
7782-49-2	Selenium	2.7	J*	01/06/2025	2235
7440-22-4	Silver	0.91	U*	01/06/2025	2235
7440-23-5	Sodium	93	J	01/06/2025	2235
7440-28-0	Thallium	1.3	J*	01/06/2025	2235
7440-62-2	Vanadium	11		01/06/2025	2235
7440-66-6	Zinc	74	*	01/06/2025	2235

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

Comments:

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MBHMN0

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHMK3

Matrix: SOIL Lab Sample ID: P5129-09

% Solids: 78.9 Date Received: 12/05/2024

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		01/06/2025	2239
7440-36-0	Antimony	4.0	J*	01/06/2025	2239
7440-38-2	Arsenic	17		01/06/2025	2239
7440-39-3	Barium	250		01/06/2025	2239
7440-41-7	Beryllium	0.57		01/06/2025	2239
7440-43-9	Cadmium	0.96		01/06/2025	2239
7440-70-2	Calcium	10000		01/06/2025	2239
7440-47-3	Chromium	10		01/06/2025	2239
7440-48-4	Cobalt	14		01/06/2025	2239
7440-50-8	Copper	35	*	01/06/2025	2239
7439-89-6	Iron	19000		01/06/2025	2239
7439-92-1	Lead	620		01/06/2025	2239
7439-95-4	Magnesium	2500		01/06/2025	2239
7439-96-5	Manganese	2300		01/06/2025	2239
7440-02-0	Nickel	20		01/06/2025	2239
7440-09-7	Potassium	410	J	01/06/2025	2239
7782-49-2	Selenium	9.5	*	01/06/2025	2239
7440-22-4	Silver	0.89	U*	01/06/2025	2239
7440-23-5	Sodium	450	U	01/06/2025	2239
7440-28-0	Thallium	2.2	U*	01/06/2025	2239
7440-62-2	Vanadium	16		01/06/2025	2239
7440-66-6	Zinc	200	*	01/06/2025	2239

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

Comments:

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INORGANIC ANALYSIS DATA SHEET

MBHMN1

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHMK3

Matrix: SOIL Lab Sample ID: P5129-10

% Solids: 85.8 Date Received: 12/05/2024

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		01/06/2025	2243
7440-36-0	Antimony	3.7	J*	01/06/2025	2243
7440-38-2	Arsenic	20		01/06/2025	2243
7440-39-3	Barium	130		01/06/2025	2243
7440-41-7	Beryllium	0.54		01/06/2025	2243
7440-43-9	Cadmium	0.73		01/06/2025	2243
7440-70-2	Calcium	19000		01/06/2025	2243
7440-47-3	Chromium	12		01/06/2025	2243
7440-48-4	Cobalt	11		01/06/2025	2243
7440-50-8	Copper	38	*	01/06/2025	2243
7439-89-6	Iron	17000		01/06/2025	2243
7439-92-1	Lead	270		01/06/2025	2243
7439-95-4	Magnesium	8900		01/06/2025	2243
7439-96-5	Manganese	810		01/06/2025	2243
7440-02-0	Nickel	19		01/06/2025	2243
7440-09-7	Potassium	590		01/06/2025	2243
7782-49-2	Selenium	5.9	*	01/06/2025	2243
7440-22-4	Silver	0.88	U*	01/06/2025	2243
7440-23-5	Sodium	440	U	01/06/2025	2243
7440-28-0	Thallium	2.2	U*	01/06/2025	2243
7440-62-2	Vanadium	16		01/06/2025	2243
7440-66-6	Zinc	290	*	01/06/2025	2243

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

Comments: