

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHME4

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHME4

Matrix: SOIL Lab Sample ID: P5128-01

% Solids: 80.7 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	6600		01/04/2025	0449
7440-36-0	Antimony	6.1	*	01/04/2025	0449
7440-38-2	Arsenic	18		01/04/2025	0449
7440-39-3	Barium	190		01/04/2025	0449
7440-41-7	Beryllium	0.75		01/04/2025	0449
7440-43-9	Cadmium	1.4		01/04/2025	0449
7440-70-2	Calcium	12000		01/04/2025	0449
7440-47-3	Chromium	15		01/04/2025	0449
7440-48-4	Cobalt	14	*	01/04/2025	0449
7440-50-8	Copper	45		01/04/2025	0449
7439-89-6	Iron	23000		01/04/2025	0449
7439-92-1	Lead	700		01/04/2025	0449
7439-95-4	Magnesium	4400		01/04/2025	0449
7439-96-5	Manganese	1400		01/04/2025	0449
7440-02-0	Nickel	29		01/04/2025	0449
7440-09-7	Potassium	680		01/04/2025	0449
7782-49-2	Selenium	12	*	01/04/2025	0449
7440-22-4	Silver	1.0	U*	01/04/2025	0449
7440-23-5	Sodium	510	U	01/04/2025	0449
7440-28-0	Thallium	2.5	U*	01/04/2025	0449
7440-62-2	Vanadium	18		01/04/2025	0449
7440-66-6	Zinc	490		01/04/2025	0449

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

Comments:

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MBHME5

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHME4

Matrix: SOIL Lab Sample ID: P5128-02

% Solids: 84.6 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		01/04/2025	0452
7440-36-0	Antimony	4.8	J*	01/04/2025	0452
7440-38-2	Arsenic	20		01/04/2025	0452
7440-39-3	Barium	210		01/04/2025	0452
7440-41-7	Beryllium	0.74		01/04/2025	0452
7440-43-9	Cadmium	19		01/04/2025	0452
7440-70-2	Calcium	34000		01/04/2025	0452
7440-47-3	Chromium	14		01/04/2025	0452
7440-48-4	Cobalt	14	*	01/04/2025	0452
7440-50-8	Copper	45		01/04/2025	0452
7439-89-6	Iron	26000		01/04/2025	0452
7439-92-1	Lead	630		01/04/2025	0452
7439-95-4	Magnesium	4200		01/04/2025	0452
7439-96-5	Manganese	1600		01/04/2025	0452
7440-02-0	Nickel	27		01/04/2025	0452
7440-09-7	Potassium	580		01/04/2025	0452
7782-49-2	Selenium	12	*	01/04/2025	0452
7440-22-4	Silver	0.86	U*	01/04/2025	0452
7440-23-5	Sodium	150	J	01/04/2025	0452
7440-28-0	Thallium	2.1	U*	01/04/2025	0452
7440-62-2	Vanadium	18		01/04/2025	0452
7440-66-6	Zinc	2300		01/04/2025	0452

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

Comments:

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MBHME6

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHME4

Matrix: SOIL Lab Sample ID: P5128-03

% Solids: 79 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	6800		01/04/2025	0456
7440-36-0	Antimony	4.5	J*	01/04/2025	0456
7440-38-2	Arsenic	18		01/04/2025	0456
7440-39-3	Barium	270		01/04/2025	0456
7440-41-7	Beryllium	0.65		01/04/2025	0456
7440-43-9	Cadmium	1.2		01/04/2025	0456
7440-70-2	Calcium	12000		01/04/2025	0456
7440-47-3	Chromium	13		01/04/2025	0456
7440-48-4	Cobalt	14	*	01/04/2025	0456
7440-50-8	Copper	48		01/04/2025	0456
7439-89-6	Iron	21000		01/04/2025	0456
7439-92-1	Lead	660		01/04/2025	0456
7439-95-4	Magnesium	2700		01/04/2025	0456
7439-96-5	Manganese	2300		01/04/2025	0456
7440-02-0	Nickel	21		01/04/2025	0456
7440-09-7	Potassium	480	J	01/04/2025	0456
7782-49-2	Selenium	10	*	01/04/2025	0456
7440-22-4	Silver	1.1	U*	01/04/2025	0456
7440-23-5	Sodium	520	U	01/04/2025	0456
7440-28-0	Thallium	2.6	U*	01/04/2025	0456
7440-62-2	Vanadium	19		01/04/2025	0456
7440-66-6	Zinc	290		01/04/2025	0456

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

Comments:

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MBHMG8

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHME4

Matrix: SOIL Lab Sample ID: P5128-04

% Solids: 80.9 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	6100		01/04/2025	0500
7440-36-0	Antimony	3.6	J*	01/04/2025	0500
7440-38-2	Arsenic	19		01/04/2025	0500
7440-39-3	Barium	130		01/04/2025	0500
7440-41-7	Beryllium	0.51		01/04/2025	0500
7440-43-9	Cadmium	0.76		01/04/2025	0500
7440-70-2	Calcium	17000		01/04/2025	0500
7440-47-3	Chromium	19		01/04/2025	0500
7440-48-4	Cobalt	11	*	01/04/2025	0500
7440-50-8	Copper	36		01/04/2025	0500
7439-89-6	Iron	16000		01/04/2025	0500
7439-92-1	Lead	180		01/04/2025	0500
7439-95-4	Magnesium	7300		01/04/2025	0500
7439-96-5	Manganese	940		01/04/2025	0500
7440-02-0	Nickel	21		01/04/2025	0500
7440-09-7	Potassium	680		01/04/2025	0500
7782-49-2	Selenium	6.0	*	01/04/2025	0500
7440-22-4	Silver	0.94	U*	01/04/2025	0500
7440-23-5	Sodium	470	U	01/04/2025	0500
7440-28-0	Thallium	2.3	U*	01/04/2025	0500
7440-62-2	Vanadium	16		01/04/2025	0500
7440-66-6	Zinc	230		01/04/2025	0500

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

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MBHMG9

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHME4

Matrix: SOIL Lab Sample ID: P5128-05

% Solids: 82.3 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	6300		01/04/2025	0504
7440-36-0	Antimony	4.2	J*	01/04/2025	0504
7440-38-2	Arsenic	20		01/04/2025	0504
7440-39-3	Barium	120		01/04/2025	0504
7440-41-7	Beryllium	0.59		01/04/2025	0504
7440-43-9	Cadmium	0.74		01/04/2025	0504
7440-70-2	Calcium	15000		01/04/2025	0504
7440-47-3	Chromium	18		01/04/2025	0504
7440-48-4	Cobalt	10	*	01/04/2025	0504
7440-50-8	Copper	36		01/04/2025	0504
7439-89-6	Iron	18000		01/04/2025	0504
7439-92-1	Lead	160		01/04/2025	0504
7439-95-4	Magnesium	7200		01/04/2025	0504
7439-96-5	Manganese	920		01/04/2025	0504
7440-02-0	Nickel	21		01/04/2025	0504
7440-09-7	Potassium	610		01/04/2025	0504
7782-49-2	Selenium	7.7	*	01/04/2025	0504
7440-22-4	Silver	0.86	U*	01/04/2025	0504
7440-23-5	Sodium	430	U	01/04/2025	0504
7440-28-0	Thallium	2.2	U*	01/04/2025	0504
7440-62-2	Vanadium	16		01/04/2025	0504
7440-66-6	Zinc	270		01/04/2025	0504

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

Comments:

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MBHMH0

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHME4

Matrix: SOIL Lab Sample ID: P5128-06

% Solids: 88.2 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	5100		01/04/2025	0508
7440-36-0	Antimony	3.0	J*	01/04/2025	0508
7440-38-2	Arsenic	16		01/04/2025	0508
7440-39-3	Barium	75		01/04/2025	0508
7440-41-7	Beryllium	0.44	J	01/04/2025	0508
7440-43-9	Cadmium	0.56		01/04/2025	0508
7440-70-2	Calcium	12000		01/04/2025	0508
7440-47-3	Chromium	11		01/04/2025	0508
7440-48-4	Cobalt	8.8	*	01/04/2025	0508
7440-50-8	Copper	21		01/04/2025	0508
7439-89-6	Iron	13000		01/04/2025	0508
7439-92-1	Lead	120		01/04/2025	0508
7439-95-4	Magnesium	6000		01/04/2025	0508
7439-96-5	Manganese	630		01/04/2025	0508
7440-02-0	Nickel	14		01/04/2025	0508
7440-09-7	Potassium	420	J	01/04/2025	0508
7782-49-2	Selenium	5.2	*	01/04/2025	0508
7440-22-4	Silver	0.92	U*	01/04/2025	0508
7440-23-5	Sodium	460	U	01/04/2025	0508
7440-28-0	Thallium	2.3	U*	01/04/2025	0508
7440-62-2	Vanadium	11		01/04/2025	0508
7440-66-6	Zinc	170		01/04/2025	0508

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

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MBHMH1

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHME4

Matrix: SOIL Lab Sample ID: P5128-07

% Solids: 85.2 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	6900		01/04/2025	0511
7440-36-0	Antimony	4.5	J*	01/04/2025	0511
7440-38-2	Arsenic	22		01/04/2025	0511
7440-39-3	Barium	150		01/04/2025	0511
7440-41-7	Beryllium	0.68		01/04/2025	0511
7440-43-9	Cadmium	0.76		01/04/2025	0511
7440-70-2	Calcium	23000		01/04/2025	0511
7440-47-3	Chromium	13		01/04/2025	0511
7440-48-4	Cobalt	12	*	01/04/2025	0511
7440-50-8	Copper	170		01/04/2025	0511
7439-89-6	Iron	23000		01/04/2025	0511
7439-92-1	Lead	400		01/04/2025	0511
7439-95-4	Magnesium	7800		01/04/2025	0511
7439-96-5	Manganese	860		01/04/2025	0511
7440-02-0	Nickel	21		01/04/2025	0511
7440-09-7	Potassium	680		01/04/2025	0511
7782-49-2	Selenium	9.6	*	01/04/2025	0511
7440-22-4	Silver	1.0	U*	01/04/2025	0511
7440-23-5	Sodium	510	J	01/04/2025	0511
7440-28-0	Thallium	2.6	U*	01/04/2025	0511
7440-62-2	Vanadium	15		01/04/2025	0511
7440-66-6	Zinc	950		01/04/2025	0511

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

Comments:

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MBH MJ7

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHME4

Matrix: SOIL Lab Sample ID: P5128-08

% Solids: 88.2 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	4600		01/05/2025	2336
7440-36-0	Antimony	5.3	*	01/05/2025	2336
7440-38-2	Arsenic	17		01/05/2025	2336
7440-39-3	Barium	190		01/05/2025	2336
7440-41-7	Beryllium	0.73		01/05/2025	2336
7440-43-9	Cadmium	1.1		01/05/2025	2336
7440-70-2	Calcium	16000		01/05/2025	2336
7440-47-3	Chromium	11		01/05/2025	2336
7440-48-4	Cobalt	11	*	01/05/2025	2336
7440-50-8	Copper	38		01/05/2025	2336
7439-89-6	Iron	18000		01/05/2025	2336
7439-92-1	Lead	460		01/05/2025	2336
7439-95-4	Magnesium	5000		01/05/2025	2336
7439-96-5	Manganese	870		01/05/2025	2336
7440-02-0	Nickel	21		01/05/2025	2336
7440-09-7	Potassium	460		01/05/2025	2336
7782-49-2	Selenium	8.2	*	01/05/2025	2336
7440-22-4	Silver	0.85	U*	01/05/2025	2336
7440-23-5	Sodium	120	J	01/05/2025	2336
7440-28-0	Thallium	2.1	U*	01/05/2025	2336
7440-62-2	Vanadium	16		01/05/2025	2336
7440-66-6	Zinc	380		01/05/2025	2336

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

Comments:

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MBHMJ8

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHME4

Matrix: SOIL Lab Sample ID: P5128-09

% Solids: 87.4 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	5400		01/05/2025	2340
7440-36-0	Antimony	4.6	J*	01/05/2025	2340
7440-38-2	Arsenic	16		01/05/2025	2340
7440-39-3	Barium	190		01/05/2025	2340
7440-41-7	Beryllium	0.74		01/05/2025	2340
7440-43-9	Cadmium	1.5		01/05/2025	2340
7440-70-2	Calcium	21000		01/05/2025	2340
7440-47-3	Chromium	14		01/05/2025	2340
7440-48-4	Cobalt	12	*	01/05/2025	2340
7440-50-8	Copper	41		01/05/2025	2340
7439-89-6	Iron	18000		01/05/2025	2340
7439-92-1	Lead	560		01/05/2025	2340
7439-95-4	Magnesium	6500		01/05/2025	2340
7439-96-5	Manganese	880		01/05/2025	2340
7440-02-0	Nickel	24		01/05/2025	2340
7440-09-7	Potassium	430	J	01/05/2025	2340
7782-49-2	Selenium	7.3	*	01/05/2025	2340
7440-22-4	Silver	1.0	U*	01/05/2025	2340
7440-23-5	Sodium	110	J	01/05/2025	2340
7440-28-0	Thallium	2.6	U*	01/05/2025	2340
7440-62-2	Vanadium	16		01/05/2025	2340
7440-66-6	Zinc	490		01/05/2025	2340

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

Comments:

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MBH MJ9

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHME4

Matrix: SOIL Lab Sample ID: P5128-10

% Solids: 88 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	4600		01/05/2025	2343
7440-36-0	Antimony	3.0	J*	01/05/2025	2343
7440-38-2	Arsenic	13		01/05/2025	2343
7440-39-3	Barium	180		01/05/2025	2343
7440-41-7	Beryllium	0.62		01/05/2025	2343
7440-43-9	Cadmium	2.0		01/05/2025	2343
7440-70-2	Calcium	41000		01/05/2025	2343
7440-47-3	Chromium	14		01/05/2025	2343
7440-48-4	Cobalt	11	*	01/05/2025	2343
7440-50-8	Copper	39		01/05/2025	2343
7439-89-6	Iron	15000		01/05/2025	2343
7439-92-1	Lead	600		01/05/2025	2343
7439-95-4	Magnesium	22000		01/05/2025	2343
7439-96-5	Manganese	820		01/05/2025	2343
7440-02-0	Nickel	27		01/05/2025	2343
7440-09-7	Potassium	410	J	01/05/2025	2343
7782-49-2	Selenium	5.7	*	01/05/2025	2343
7440-22-4	Silver	0.88	U*	01/05/2025	2343
7440-23-5	Sodium	130	J	01/05/2025	2343
7440-28-0	Thallium	2.2	U*	01/05/2025	2343
7440-62-2	Vanadium	16		01/05/2025	2343
7440-66-6	Zinc	660		01/05/2025	2343

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

Comments:

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INORGANIC ANALYSIS DATA SHEET

MBHMK0

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHME4

Matrix: SOIL Lab Sample ID: P5128-11

% 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	5400		01/05/2025	2347
7440-36-0	Antimony	3.9	J*	01/05/2025	2347
7440-38-2	Arsenic	12		01/05/2025	2347
7440-39-3	Barium	170		01/05/2025	2347
7440-41-7	Beryllium	0.68		01/05/2025	2347
7440-43-9	Cadmium	2.0		01/05/2025	2347
7440-70-2	Calcium	21000		01/05/2025	2347
7440-47-3	Chromium	21		01/05/2025	2347
7440-48-4	Cobalt	11	*	01/05/2025	2347
7440-50-8	Copper	45		01/05/2025	2347
7439-89-6	Iron	16000		01/05/2025	2347
7439-92-1	Lead	640		01/05/2025	2347
7439-95-4	Magnesium	9900		01/05/2025	2347
7439-96-5	Manganese	780		01/05/2025	2347
7440-02-0	Nickel	37		01/05/2025	2347
7440-09-7	Potassium	380	J	01/05/2025	2347
7782-49-2	Selenium	7.2	*	01/05/2025	2347
7440-22-4	Silver	0.91	U*	01/05/2025	2347
7440-23-5	Sodium	93	J	01/05/2025	2347
7440-28-0	Thallium	2.3	U*	01/05/2025	2347
7440-62-2	Vanadium	18		01/05/2025	2347
7440-66-6	Zinc	530		01/05/2025	2347

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHMK1

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHME4

Matrix: SOIL Lab Sample ID: P5128-12

% Solids: 82.3 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	5100		01/05/2025	2351
7440-36-0	Antimony	3.9	J*	01/05/2025	2351
7440-38-2	Arsenic	12		01/05/2025	2351
7440-39-3	Barium	170		01/05/2025	2351
7440-41-7	Beryllium	0.63		01/05/2025	2351
7440-43-9	Cadmium	2.0		01/05/2025	2351
7440-70-2	Calcium	23000		01/05/2025	2351
7440-47-3	Chromium	22		01/05/2025	2351
7440-48-4	Cobalt	11	*	01/05/2025	2351
7440-50-8	Copper	55		01/05/2025	2351
7439-89-6	Iron	17000		01/05/2025	2351
7439-92-1	Lead	670		01/05/2025	2351
7439-95-4	Magnesium	11000		01/05/2025	2351
7439-96-5	Manganese	830		01/05/2025	2351
7440-02-0	Nickel	35		01/05/2025	2351
7440-09-7	Potassium	380	J	01/05/2025	2351
7782-49-2	Selenium	6.7	*	01/05/2025	2351
7440-22-4	Silver	1.0	U*	01/05/2025	2351
7440-23-5	Sodium	520	U	01/05/2025	2351
7440-28-0	Thallium	2.6	U*	01/05/2025	2351
7440-62-2	Vanadium	19		01/05/2025	2351
7440-66-6	Zinc	540		01/05/2025	2351

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHMK2

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHME4

Matrix: SOIL Lab Sample ID: P5128-13

% Solids: 69.7 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	7300		01/05/2025	2355
7440-36-0	Antimony	4.1	J*	01/05/2025	2355
7440-38-2	Arsenic	20		01/05/2025	2355
7440-39-3	Barium	150		01/05/2025	2355
7440-41-7	Beryllium	0.77		01/05/2025	2355
7440-43-9	Cadmium	0.75		01/05/2025	2355
7440-70-2	Calcium	6100		01/05/2025	2355
7440-47-3	Chromium	14		01/05/2025	2355
7440-48-4	Cobalt	14	*	01/05/2025	2355
7440-50-8	Copper	45		01/05/2025	2355
7439-89-6	Iron	19000		01/05/2025	2355
7439-92-1	Lead	240		01/05/2025	2355
7439-95-4	Magnesium	1900		01/05/2025	2355
7439-96-5	Manganese	1800		01/05/2025	2355
7440-02-0	Nickel	22		01/05/2025	2355
7440-09-7	Potassium	1300		01/05/2025	2355
7782-49-2	Selenium	11	*	01/05/2025	2355
7440-22-4	Silver	1.2	U*	01/05/2025	2355
7440-23-5	Sodium	570	U	01/05/2025	2355
7440-28-0	Thallium	2.9	U*	01/05/2025	2355
7440-62-2	Vanadium	19		01/05/2025	2355
7440-66-6	Zinc	160		01/05/2025	2355

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHMK4

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHME4

Matrix: SOIL Lab Sample ID: P5128-14

% Solids: 80.2 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	7400		01/05/2025	2358
7440-36-0	Antimony	4.5	J*	01/05/2025	2358
7440-38-2	Arsenic	18		01/05/2025	2358
7440-39-3	Barium	140		01/05/2025	2358
7440-41-7	Beryllium	0.67		01/05/2025	2358
7440-43-9	Cadmium	0.65		01/05/2025	2358
7440-70-2	Calcium	8200		01/05/2025	2358
7440-47-3	Chromium	12		01/05/2025	2358
7440-48-4	Cobalt	14	*	01/05/2025	2358
7440-50-8	Copper	32		01/05/2025	2358
7439-89-6	Iron	18000		01/05/2025	2358
7439-92-1	Lead	180		01/05/2025	2358
7439-95-4	Magnesium	2100		01/05/2025	2358
7439-96-5	Manganese	1900		01/05/2025	2358
7440-02-0	Nickel	17		01/05/2025	2358
7440-09-7	Potassium	910		01/05/2025	2358
7782-49-2	Selenium	9.4	*	01/05/2025	2358
7440-22-4	Silver	0.85	U*	01/05/2025	2358
7440-23-5	Sodium	430	U	01/05/2025	2358
7440-28-0	Thallium	2.1	U*	01/05/2025	2358
7440-62-2	Vanadium	18		01/05/2025	2358
7440-66-6	Zinc	110		01/05/2025	2358

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHMK5

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHME4

Matrix: SOIL Lab Sample ID: P5128-15

% Solids: 82.1 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	7800		01/06/2025	0002
7440-36-0	Antimony	4.9	J*	01/06/2025	0002
7440-38-2	Arsenic	21		01/06/2025	0002
7440-39-3	Barium	120		01/06/2025	0002
7440-41-7	Beryllium	0.68		01/06/2025	0002
7440-43-9	Cadmium	0.59		01/06/2025	0002
7440-70-2	Calcium	5200		01/06/2025	0002
7440-47-3	Chromium	12		01/06/2025	0002
7440-48-4	Cobalt	16	*	01/06/2025	0002
7440-50-8	Copper	28		01/06/2025	0002
7439-89-6	Iron	22000		01/06/2025	0002
7439-92-1	Lead	110		01/06/2025	0002
7439-95-4	Magnesium	1800		01/06/2025	0002
7439-96-5	Manganese	2500		01/06/2025	0002
7440-02-0	Nickel	17		01/06/2025	0002
7440-09-7	Potassium	700		01/06/2025	0002
7782-49-2	Selenium	13	*	01/06/2025	0002
7440-22-4	Silver	1.1	U*	01/06/2025	0002
7440-23-5	Sodium	540	U	01/06/2025	0002
7440-28-0	Thallium	2.7	U*	01/06/2025	0002
7440-62-2	Vanadium	19		01/06/2025	0002
7440-66-6	Zinc	74		01/06/2025	0002

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHMK6

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHME4

Matrix: SOIL Lab Sample ID: P5128-16

% Solids: 83.6 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	6500		01/06/2025	0006
7440-36-0	Antimony	4.1	J*	01/06/2025	0006
7440-38-2	Arsenic	18		01/06/2025	0006
7440-39-3	Barium	73		01/06/2025	0006
7440-41-7	Beryllium	0.60		01/06/2025	0006
7440-43-9	Cadmium	0.42	J	01/06/2025	0006
7440-70-2	Calcium	4500		01/06/2025	0006
7440-47-3	Chromium	9.6		01/06/2025	0006
7440-48-4	Cobalt	14	*	01/06/2025	0006
7440-50-8	Copper	26		01/06/2025	0006
7439-89-6	Iron	19000		01/06/2025	0006
7439-92-1	Lead	64		01/06/2025	0006
7439-95-4	Magnesium	1700		01/06/2025	0006
7439-96-5	Manganese	1800		01/06/2025	0006
7440-02-0	Nickel	16		01/06/2025	0006
7440-09-7	Potassium	690		01/06/2025	0006
7782-49-2	Selenium	10	*	01/06/2025	0006
7440-22-4	Silver	0.86	U*	01/06/2025	0006
7440-23-5	Sodium	430	U	01/06/2025	0006
7440-28-0	Thallium	2.2	U*	01/06/2025	0006
7440-62-2	Vanadium	15		01/06/2025	0006
7440-66-6	Zinc	46		01/06/2025	0006

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHMK7

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHME4

Matrix: SOIL Lab Sample ID: P5128-17

% Solids: 83.3 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		01/06/2025	0010
7440-36-0	Antimony	4.1	J*	01/06/2025	0010
7440-38-2	Arsenic	24		01/06/2025	0010
7440-39-3	Barium	74		01/06/2025	0010
7440-41-7	Beryllium	0.67		01/06/2025	0010
7440-43-9	Cadmium	0.57		01/06/2025	0010
7440-70-2	Calcium	5000		01/06/2025	0010
7440-47-3	Chromium	10		01/06/2025	0010
7440-48-4	Cobalt	19	*	01/06/2025	0010
7440-50-8	Copper	31		01/06/2025	0010
7439-89-6	Iron	21000		01/06/2025	0010
7439-92-1	Lead	70		01/06/2025	0010
7439-95-4	Magnesium	2200		01/06/2025	0010
7439-96-5	Manganese	2100		01/06/2025	0010
7440-02-0	Nickel	22		01/06/2025	0010
7440-09-7	Potassium	790		01/06/2025	0010
7782-49-2	Selenium	12	*	01/06/2025	0010
7440-22-4	Silver	1.0	U*	01/06/2025	0010
7440-23-5	Sodium	510	U	01/06/2025	0010
7440-28-0	Thallium	2.6	U*	01/06/2025	0010
7440-62-2	Vanadium	14		01/06/2025	0010
7440-66-6	Zinc	51		01/06/2025	0010

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHMK8

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHME4

Matrix: SOIL Lab Sample ID: P5128-18

% Solids: 68.8 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	6600		01/06/2025	0014
7440-36-0	Antimony	4.6	J*	01/06/2025	0014
7440-38-2	Arsenic	25		01/06/2025	0014
7440-39-3	Barium	210		01/06/2025	0014
7440-41-7	Beryllium	0.76		01/06/2025	0014
7440-43-9	Cadmium	1.7		01/06/2025	0014
7440-70-2	Calcium	8800		01/06/2025	0014
7440-47-3	Chromium	19		01/06/2025	0014
7440-48-4	Cobalt	17	*	01/06/2025	0014
7440-50-8	Copper	100		01/06/2025	0014
7439-89-6	Iron	20000		01/06/2025	0014
7439-92-1	Lead	690		01/06/2025	0014
7439-95-4	Magnesium	3000		01/06/2025	0014
7439-96-5	Manganese	1500		01/06/2025	0014
7440-02-0	Nickel	24		01/06/2025	0014
7440-09-7	Potassium	1100		01/06/2025	0014
7782-49-2	Selenium	11	*	01/06/2025	0014
7440-22-4	Silver	1.3	U*	01/06/2025	0014
7440-23-5	Sodium	660	U	01/06/2025	0014
7440-28-0	Thallium	3.3	U*	01/06/2025	0014
7440-62-2	Vanadium	19		01/06/2025	0014
7440-66-6	Zinc	530		01/06/2025	0014

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHMK9

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHME4

Matrix: SOIL Lab Sample ID: P5128-19

% Solids: 79.2 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	6100		01/06/2025	0201
7440-36-0	Antimony	4.3	J*	01/06/2025	0201
7440-38-2	Arsenic	22		01/06/2025	0201
7440-39-3	Barium	200		01/06/2025	0201
7440-41-7	Beryllium	0.70		01/06/2025	0201
7440-43-9	Cadmium	1.5		01/06/2025	0201
7440-70-2	Calcium	11000		01/06/2025	0201
7440-47-3	Chromium	16		01/06/2025	0201
7440-48-4	Cobalt	13	*	01/06/2025	0201
7440-50-8	Copper	70		01/06/2025	0201
7439-89-6	Iron	18000		01/06/2025	0201
7439-92-1	Lead	490		01/06/2025	0201
7439-95-4	Magnesium	3000		01/06/2025	0201
7439-96-5	Manganese	1500		01/06/2025	0201
7440-02-0	Nickel	22		01/06/2025	0201
7440-09-7	Potassium	870		01/06/2025	0201
7782-49-2	Selenium	9.1	*	01/06/2025	0201
7440-22-4	Silver	0.95	U*	01/06/2025	0201
7440-23-5	Sodium	120	J	01/06/2025	0201
7440-28-0	Thallium	2.4	U*	01/06/2025	0201
7440-62-2	Vanadium	16		01/06/2025	0201
7440-66-6	Zinc	320		01/06/2025	0201

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

Comments: