

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHM42

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHM42

Matrix: SOIL Lab Sample ID: P5121-01

% Solids: 69.2 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	5400		01/06/2025	1537
7440-36-0	Antimony	3.6	J*	01/06/2025	1537
7440-38-2	Arsenic	10		01/06/2025	1537
7440-39-3	Barium	84		01/06/2025	1537
7440-41-7	Beryllium	0.61		01/06/2025	1537
7440-43-9	Cadmium	1.2		01/06/2025	1537
7440-70-2	Calcium	46000		01/06/2025	1537
7440-47-3	Chromium	15		01/06/2025	1537
7440-48-4	Cobalt	12	*	01/06/2025	1537
7440-50-8	Copper	47		01/06/2025	1537
7439-89-6	Iron	17000		01/06/2025	1537
7439-92-1	Lead	300		01/06/2025	1537
7439-95-4	Magnesium	17000		01/06/2025	1537
7439-96-5	Manganese	710		01/06/2025	1537
7440-02-0	Nickel	22		01/06/2025	1537
7440-09-7	Potassium	1100		01/06/2025	1537
7782-49-2	Selenium	4.3	*	01/06/2025	1537
7440-22-4	Silver	1.2	U*	01/06/2025	1537
7440-23-5	Sodium	580	U	01/06/2025	1537
7440-28-0	Thallium	2.9	U*	01/06/2025	1537
7440-62-2	Vanadium	14		01/06/2025	1537
7440-66-6	Zinc	650		01/06/2025	1537

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

Comments:

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MBHM43

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHM42

Matrix: SOIL Lab Sample ID: P5121-02

% Solids: 82.8 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	4700		01/06/2025	1541
7440-36-0	Antimony	3.9	J*	01/06/2025	1541
7440-38-2	Arsenic	13		01/06/2025	1541
7440-39-3	Barium	87		01/06/2025	1541
7440-41-7	Beryllium	0.64		01/06/2025	1541
7440-43-9	Cadmium	2.1		01/06/2025	1541
7440-70-2	Calcium	55000		01/06/2025	1541
7440-47-3	Chromium	14		01/06/2025	1541
7440-48-4	Cobalt	11	*	01/06/2025	1541
7440-50-8	Copper	120		01/06/2025	1541
7439-89-6	Iron	16000		01/06/2025	1541
7439-92-1	Lead	390		01/06/2025	1541
7439-95-4	Magnesium	26000		01/06/2025	1541
7439-96-5	Manganese	640		01/06/2025	1541
7440-02-0	Nickel	25		01/06/2025	1541
7440-09-7	Potassium	690		01/06/2025	1541
7782-49-2	Selenium	4.3	*	01/06/2025	1541
7440-22-4	Silver	0.91	U*	01/06/2025	1541
7440-23-5	Sodium	110	J	01/06/2025	1541
7440-28-0	Thallium	2.3	U*	01/06/2025	1541
7440-62-2	Vanadium	16		01/06/2025	1541
7440-66-6	Zinc	1400		01/06/2025	1541

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

Comments:

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MBHM44

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHM42

Matrix: SOIL Lab Sample ID: P5121-03

% Solids: 79.5 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		01/06/2025	1544
7440-36-0	Antimony	3.2	J*	01/06/2025	1544
7440-38-2	Arsenic	16		01/06/2025	1544
7440-39-3	Barium	55		01/06/2025	1544
7440-41-7	Beryllium	0.77		01/06/2025	1544
7440-43-9	Cadmium	4.9		01/06/2025	1544
7440-70-2	Calcium	48000		01/06/2025	1544
7440-47-3	Chromium	9.2		01/06/2025	1544
7440-48-4	Cobalt	15	*	01/06/2025	1544
7440-50-8	Copper	28		01/06/2025	1544
7439-89-6	Iron	19000		01/06/2025	1544
7439-92-1	Lead	220		01/06/2025	1544
7439-95-4	Magnesium	9200		01/06/2025	1544
7439-96-5	Manganese	640		01/06/2025	1544
7440-02-0	Nickel	23		01/06/2025	1544
7440-09-7	Potassium	1100		01/06/2025	1544
7782-49-2	Selenium	5.9	*	01/06/2025	1544
7440-22-4	Silver	0.93	U*	01/06/2025	1544
7440-23-5	Sodium	120	J	01/06/2025	1544
7440-28-0	Thallium	2.3	U*	01/06/2025	1544
7440-62-2	Vanadium	17		01/06/2025	1544
7440-66-6	Zinc	8400	D	01/07/2025	2118

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

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MBHM45

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHM42

Matrix: SOIL Lab Sample ID: P5121-04

% 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	6300		01/06/2025	1548
7440-36-0	Antimony	3.5	J*	01/06/2025	1548
7440-38-2	Arsenic	7.6		01/06/2025	1548
7440-39-3	Barium	64		01/06/2025	1548
7440-41-7	Beryllium	0.55		01/06/2025	1548
7440-43-9	Cadmium	0.39	J	01/06/2025	1548
7440-70-2	Calcium	23000		01/06/2025	1548
7440-47-3	Chromium	9.3		01/06/2025	1548
7440-48-4	Cobalt	12	*	01/06/2025	1548
7440-50-8	Copper	16		01/06/2025	1548
7439-89-6	Iron	17000		01/06/2025	1548
7439-92-1	Lead	28		01/06/2025	1548
7439-95-4	Magnesium	5300		01/06/2025	1548
7439-96-5	Manganese	1300		01/06/2025	1548
7440-02-0	Nickel	18		01/06/2025	1548
7440-09-7	Potassium	620		01/06/2025	1548
7782-49-2	Selenium	5.9	*	01/06/2025	1548
7440-22-4	Silver	0.95	U*	01/06/2025	1548
7440-23-5	Sodium	470	U	01/06/2025	1548
7440-28-0	Thallium	2.4	U*	01/06/2025	1548
7440-62-2	Vanadium	15		01/06/2025	1548
7440-66-6	Zinc	84		01/06/2025	1548

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

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MBHM46

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHM42

Matrix: SOIL Lab Sample ID: P5121-05

% Solids: 74.9 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	5100		01/06/2025	1552
7440-36-0	Antimony	4.9	J*	01/06/2025	1552
7440-38-2	Arsenic	20		01/06/2025	1552
7440-39-3	Barium	250		01/06/2025	1552
7440-41-7	Beryllium	0.72		01/06/2025	1552
7440-43-9	Cadmium	0.55		01/06/2025	1552
7440-70-2	Calcium	23000		01/06/2025	1552
7440-47-3	Chromium	31		01/06/2025	1552
7440-48-4	Cobalt	11	*	01/06/2025	1552
7440-50-8	Copper	160		01/06/2025	1552
7439-89-6	Iron	19000		01/06/2025	1552
7439-92-1	Lead	1600		01/06/2025	1552
7439-95-4	Magnesium	5500		01/06/2025	1552
7439-96-5	Manganese	1400		01/06/2025	1552
7440-02-0	Nickel	16		01/06/2025	1552
7440-09-7	Potassium	500	J	01/06/2025	1552
7782-49-2	Selenium	5.6	*	01/06/2025	1552
7440-22-4	Silver	1.0	U*	01/06/2025	1552
7440-23-5	Sodium	110	J	01/06/2025	1552
7440-28-0	Thallium	2.6	U*	01/06/2025	1552
7440-62-2	Vanadium	17		01/06/2025	1552
7440-66-6	Zinc	300		01/06/2025	1552

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

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MBHM47

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHM42

Matrix: SOIL Lab Sample ID: P5121-06

% Solids: 75.8 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	5200		01/06/2025	1556
7440-36-0	Antimony	3.5	J*	01/06/2025	1556
7440-38-2	Arsenic	18		01/06/2025	1556
7440-39-3	Barium	120		01/06/2025	1556
7440-41-7	Beryllium	0.93		01/06/2025	1556
7440-43-9	Cadmium	0.29	J	01/06/2025	1556
7440-70-2	Calcium	13000		01/06/2025	1556
7440-47-3	Chromium	10		01/06/2025	1556
7440-48-4	Cobalt	8.8	*	01/06/2025	1556
7440-50-8	Copper	29		01/06/2025	1556
7439-89-6	Iron	15000		01/06/2025	1556
7439-92-1	Lead	1900		01/06/2025	1556
7439-95-4	Magnesium	2300		01/06/2025	1556
7439-96-5	Manganese	310		01/06/2025	1556
7440-02-0	Nickel	13		01/06/2025	1556
7440-09-7	Potassium	340	J	01/06/2025	1556
7782-49-2	Selenium	4.1	*	01/06/2025	1556
7440-22-4	Silver	1.1	U*	01/06/2025	1556
7440-23-5	Sodium	160	J	01/06/2025	1556
7440-28-0	Thallium	2.8	U*	01/06/2025	1556
7440-62-2	Vanadium	15		01/06/2025	1556
7440-66-6	Zinc	120		01/06/2025	1556

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

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MBHM48

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHM42

Matrix: SOIL Lab Sample ID: P5121-07

% Solids: 71.8 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	5400		01/06/2025	1600
7440-36-0	Antimony	5.3	J*	01/06/2025	1600
7440-38-2	Arsenic	23		01/06/2025	1600
7440-39-3	Barium	150		01/06/2025	1600
7440-41-7	Beryllium	0.94		01/06/2025	1600
7440-43-9	Cadmium	0.40	J	01/06/2025	1600
7440-70-2	Calcium	30000		01/06/2025	1600
7440-47-3	Chromium	12		01/06/2025	1600
7440-48-4	Cobalt	28	*	01/06/2025	1600
7440-50-8	Copper	340		01/06/2025	1600
7439-89-6	Iron	22000		01/06/2025	1600
7439-92-1	Lead	500		01/06/2025	1600
7439-95-4	Magnesium	7600		01/06/2025	1600
7439-96-5	Manganese	660		01/06/2025	1600
7440-02-0	Nickel	32		01/06/2025	1600
7440-09-7	Potassium	760		01/06/2025	1600
7782-49-2	Selenium	7.2	*	01/06/2025	1600
7440-22-4	Silver	1.1	U*	01/06/2025	1600
7440-23-5	Sodium	150	J	01/06/2025	1600
7440-28-0	Thallium	2.8	U*	01/06/2025	1600
7440-62-2	Vanadium	18		01/06/2025	1600
7440-66-6	Zinc	140		01/06/2025	1600

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

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MBHM49

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHM42

Matrix: SOIL Lab Sample ID: P5121-08

% Solids: 73.5 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	5500		01/06/2025	1604
7440-36-0	Antimony	4.2	J*	01/06/2025	1604
7440-38-2	Arsenic	12		01/06/2025	1604
7440-39-3	Barium	150		01/06/2025	1604
7440-41-7	Beryllium	0.60		01/06/2025	1604
7440-43-9	Cadmium	1.2		01/06/2025	1604
7440-70-2	Calcium	39000		01/06/2025	1604
7440-47-3	Chromium	19		01/06/2025	1604
7440-48-4	Cobalt	11	*	01/06/2025	1604
7440-50-8	Copper	55		01/06/2025	1604
7439-89-6	Iron	17000		01/06/2025	1604
7439-92-1	Lead	310		01/06/2025	1604
7439-95-4	Magnesium	14000		01/06/2025	1604
7439-96-5	Manganese	730		01/06/2025	1604
7440-02-0	Nickel	24		01/06/2025	1604
7440-09-7	Potassium	1000		01/06/2025	1604
7782-49-2	Selenium	4.6	*	01/06/2025	1604
7440-22-4	Silver	0.97	U*	01/06/2025	1604
7440-23-5	Sodium	120	J	01/06/2025	1604
7440-28-0	Thallium	2.4	U*	01/06/2025	1604
7440-62-2	Vanadium	16		01/06/2025	1604
7440-66-6	Zinc	290		01/06/2025	1604

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

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MBHM50

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHM42

Matrix: SOIL Lab Sample ID: P5121-09

% Solids: 79.7 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	5100		01/06/2025	1607
7440-36-0	Antimony	3.2	J*	01/06/2025	1607
7440-38-2	Arsenic	12		01/06/2025	1607
7440-39-3	Barium	150		01/06/2025	1607
7440-41-7	Beryllium	0.59		01/06/2025	1607
7440-43-9	Cadmium	2.1		01/06/2025	1607
7440-70-2	Calcium	43000		01/06/2025	1607
7440-47-3	Chromium	18		01/06/2025	1607
7440-48-4	Cobalt	12	*	01/06/2025	1607
7440-50-8	Copper	49		01/06/2025	1607
7439-89-6	Iron	17000		01/06/2025	1607
7439-92-1	Lead	380		01/06/2025	1607
7439-95-4	Magnesium	19000		01/06/2025	1607
7439-96-5	Manganese	750		01/06/2025	1607
7440-02-0	Nickel	23		01/06/2025	1607
7440-09-7	Potassium	780		01/06/2025	1607
7782-49-2	Selenium	5.1	*	01/06/2025	1607
7440-22-4	Silver	0.94	U*	01/06/2025	1607
7440-23-5	Sodium	140	J	01/06/2025	1607
7440-28-0	Thallium	2.3	U*	01/06/2025	1607
7440-62-2	Vanadium	16		01/06/2025	1607
7440-66-6	Zinc	260		01/06/2025	1607

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

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MBHM51

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHM42

Matrix: SOIL Lab Sample ID: P5121-10

% Solids: 79.1 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	6400		01/05/2025	1831
7440-36-0	Antimony	4.1	J*	01/05/2025	1831
7440-38-2	Arsenic	19		01/05/2025	1831
7440-39-3	Barium	240		01/05/2025	1831
7440-41-7	Beryllium	1.0		01/05/2025	1831
7440-43-9	Cadmium	1.8		01/05/2025	1831
7440-70-2	Calcium	33000		01/05/2025	1831
7440-47-3	Chromium	17		01/05/2025	1831
7440-48-4	Cobalt	13	*	01/05/2025	1831
7440-50-8	Copper	75		01/05/2025	1831
7439-89-6	Iron	18000		01/05/2025	1831
7439-92-1	Lead	470		01/05/2025	1831
7439-95-4	Magnesium	9800		01/05/2025	1831
7439-96-5	Manganese	740		01/05/2025	1831
7440-02-0	Nickel	20		01/05/2025	1831
7440-09-7	Potassium	890		01/05/2025	1831
7782-49-2	Selenium	7.2	*	01/05/2025	1831
7440-22-4	Silver	0.92	U*	01/05/2025	1831
7440-23-5	Sodium	180	J	01/05/2025	1831
7440-28-0	Thallium	2.3	U*	01/05/2025	1831
7440-62-2	Vanadium	19		01/05/2025	1831
7440-66-6	Zinc	380		01/05/2025	1831

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

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MBHM52

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHM42

Matrix: SOIL Lab Sample ID: P5121-13

% Solids: 77.8 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	6500		01/06/2025	1611
7440-36-0	Antimony	4.4	J*	01/06/2025	1611
7440-38-2	Arsenic	24		01/06/2025	1611
7440-39-3	Barium	230		01/06/2025	1611
7440-41-7	Beryllium	0.73		01/06/2025	1611
7440-43-9	Cadmium	1.5		01/06/2025	1611
7440-70-2	Calcium	45000		01/06/2025	1611
7440-47-3	Chromium	17		01/06/2025	1611
7440-48-4	Cobalt	13	*	01/06/2025	1611
7440-50-8	Copper	83		01/06/2025	1611
7439-89-6	Iron	18000		01/06/2025	1611
7439-92-1	Lead	1000		01/06/2025	1611
7439-95-4	Magnesium	11000		01/06/2025	1611
7439-96-5	Manganese	900		01/06/2025	1611
7440-02-0	Nickel	19		01/06/2025	1611
7440-09-7	Potassium	880		01/06/2025	1611
7782-49-2	Selenium	5.6	*	01/06/2025	1611
7440-22-4	Silver	1.0	U*	01/06/2025	1611
7440-23-5	Sodium	160	J	01/06/2025	1611
7440-28-0	Thallium	2.5	U*	01/06/2025	1611
7440-62-2	Vanadium	19		01/06/2025	1611
7440-66-6	Zinc	360		01/06/2025	1611

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHM53

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHM42

Matrix: SOIL Lab Sample ID: P5121-14

% Solids: 76.4 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	6700		01/06/2025	1615
7440-36-0	Antimony	5.4	J*	01/06/2025	1615
7440-38-2	Arsenic	31		01/06/2025	1615
7440-39-3	Barium	260		01/06/2025	1615
7440-41-7	Beryllium	0.67		01/06/2025	1615
7440-43-9	Cadmium	1.8		01/06/2025	1615
7440-70-2	Calcium	29000		01/06/2025	1615
7440-47-3	Chromium	14		01/06/2025	1615
7440-48-4	Cobalt	18	*	01/06/2025	1615
7440-50-8	Copper	44		01/06/2025	1615
7439-89-6	Iron	24000		01/06/2025	1615
7439-92-1	Lead	230		01/06/2025	1615
7439-95-4	Magnesium	7500		01/06/2025	1615
7439-96-5	Manganese	1800		01/06/2025	1615
7440-02-0	Nickel	23		01/06/2025	1615
7440-09-7	Potassium	780		01/06/2025	1615
7782-49-2	Selenium	9.6	*	01/06/2025	1615
7440-22-4	Silver	1.0	U*	01/06/2025	1615
7440-23-5	Sodium	100	J	01/06/2025	1615
7440-28-0	Thallium	2.5	U*	01/06/2025	1615
7440-62-2	Vanadium	19		01/06/2025	1615
7440-66-6	Zinc	340		01/06/2025	1615

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHM54

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHM42

Matrix: SOIL Lab Sample ID: P5121-15

% Solids: 81.4 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	6100		01/06/2025	1619
7440-36-0	Antimony	6.5	*	01/06/2025	1619
7440-38-2	Arsenic	44		01/06/2025	1619
7440-39-3	Barium	290		01/06/2025	1619
7440-41-7	Beryllium	0.74		01/06/2025	1619
7440-43-9	Cadmium	1.1		01/06/2025	1619
7440-70-2	Calcium	21000		01/06/2025	1619
7440-47-3	Chromium	9.8		01/06/2025	1619
7440-48-4	Cobalt	21	*	01/06/2025	1619
7440-50-8	Copper	29		01/06/2025	1619
7439-89-6	Iron	32000		01/06/2025	1619
7439-92-1	Lead	53		01/06/2025	1619
7439-95-4	Magnesium	4800		01/06/2025	1619
7439-96-5	Manganese	2500		01/06/2025	1619
7440-02-0	Nickel	22		01/06/2025	1619
7440-09-7	Potassium	450	J	01/06/2025	1619
7782-49-2	Selenium	16	*	01/06/2025	1619
7440-22-4	Silver	0.95	U*	01/06/2025	1619
7440-23-5	Sodium	480	U	01/06/2025	1619
7440-28-0	Thallium	2.4	U*	01/06/2025	1619
7440-62-2	Vanadium	29		01/06/2025	1619
7440-66-6	Zinc	240		01/06/2025	1619

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHM55

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHM42

Matrix: SOIL Lab Sample ID: P5121-16

% Solids: 86 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	4700		01/06/2025	1622
7440-36-0	Antimony	2.4	J*	01/06/2025	1622
7440-38-2	Arsenic	6.7		01/06/2025	1622
7440-39-3	Barium	38		01/06/2025	1622
7440-41-7	Beryllium	0.42		01/06/2025	1622
7440-43-9	Cadmium	0.12	J	01/06/2025	1622
7440-70-2	Calcium	43000		01/06/2025	1622
7440-47-3	Chromium	7.8		01/06/2025	1622
7440-48-4	Cobalt	11	*	01/06/2025	1622
7440-50-8	Copper	18		01/06/2025	1622
7439-89-6	Iron	13000		01/06/2025	1622
7439-92-1	Lead	14		01/06/2025	1622
7439-95-4	Magnesium	13000		01/06/2025	1622
7439-96-5	Manganese	430		01/06/2025	1622
7440-02-0	Nickel	15		01/06/2025	1622
7440-09-7	Potassium	560		01/06/2025	1622
7782-49-2	Selenium	2.4	J*	01/06/2025	1622
7440-22-4	Silver	0.84	U*	01/06/2025	1622
7440-23-5	Sodium	420	U	01/06/2025	1622
7440-28-0	Thallium	2.1	U*	01/06/2025	1622
7440-62-2	Vanadium	13		01/06/2025	1622
7440-66-6	Zinc	30		01/06/2025	1622

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHM56

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHM42

Matrix: SOIL Lab Sample ID: P5121-17

% Solids: 64.9 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	4900		01/06/2025	1626
7440-36-0	Antimony	5.4	J*	01/06/2025	1626
7440-38-2	Arsenic	29		01/06/2025	1626
7440-39-3	Barium	170		01/06/2025	1626
7440-41-7	Beryllium	0.73		01/06/2025	1626
7440-43-9	Cadmium	0.76		01/06/2025	1626
7440-70-2	Calcium	27000		01/06/2025	1626
7440-47-3	Chromium	20		01/06/2025	1626
7440-48-4	Cobalt	11	*	01/06/2025	1626
7440-50-8	Copper	65		01/06/2025	1626
7439-89-6	Iron	19000		01/06/2025	1626
7439-92-1	Lead	1100		01/06/2025	1626
7439-95-4	Magnesium	5500		01/06/2025	1626
7439-96-5	Manganese	560		01/06/2025	1626
7440-02-0	Nickel	26		01/06/2025	1626
7440-09-7	Potassium	590	J	01/06/2025	1626
7782-49-2	Selenium	6.6	*	01/06/2025	1626
7440-22-4	Silver	1.2	U*	01/06/2025	1626
7440-23-5	Sodium	610	U	01/06/2025	1626
7440-28-0	Thallium	3.0	U*	01/06/2025	1626
7440-62-2	Vanadium	19		01/06/2025	1626
7440-66-6	Zinc	310		01/06/2025	1626

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHM57

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHM42

Matrix: SOIL Lab Sample ID: P5121-18

% Solids: 73.2 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	4900		01/06/2025	1648
7440-36-0	Antimony	5.5	J*	01/06/2025	1648
7440-38-2	Arsenic	37		01/06/2025	1648
7440-39-3	Barium	190		01/06/2025	1648
7440-41-7	Beryllium	0.83		01/06/2025	1648
7440-43-9	Cadmium	0.62	J	01/06/2025	1648
7440-70-2	Calcium	17000		01/06/2025	1648
7440-47-3	Chromium	17		01/06/2025	1648
7440-48-4	Cobalt	11	*	01/06/2025	1648
7440-50-8	Copper	86		01/06/2025	1648
7439-89-6	Iron	18000		01/06/2025	1648
7439-92-1	Lead	360		01/06/2025	1648
7439-95-4	Magnesium	3800		01/06/2025	1648
7439-96-5	Manganese	450		01/06/2025	1648
7440-02-0	Nickel	23		01/06/2025	1648
7440-09-7	Potassium	430	J	01/06/2025	1648
7782-49-2	Selenium	5.6	*	01/06/2025	1648
7440-22-4	Silver	1.4	U*	01/06/2025	1648
7440-23-5	Sodium	280	J	01/06/2025	1648
7440-28-0	Thallium	3.4	U*	01/06/2025	1648
7440-62-2	Vanadium	17		01/06/2025	1648
7440-66-6	Zinc	310		01/06/2025	1648

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHM58

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHM42

Matrix: SOIL Lab Sample ID: P5121-19

% Solids: 76.8 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	4200		01/06/2025	1652
7440-36-0	Antimony	4.4	J*	01/06/2025	1652
7440-38-2	Arsenic	34		01/06/2025	1652
7440-39-3	Barium	170		01/06/2025	1652
7440-41-7	Beryllium	0.72		01/06/2025	1652
7440-43-9	Cadmium	0.57		01/06/2025	1652
7440-70-2	Calcium	19000		01/06/2025	1652
7440-47-3	Chromium	15		01/06/2025	1652
7440-48-4	Cobalt	10	*	01/06/2025	1652
7440-50-8	Copper	59		01/06/2025	1652
7439-89-6	Iron	17000		01/06/2025	1652
7439-92-1	Lead	340		01/06/2025	1652
7439-95-4	Magnesium	4400		01/06/2025	1652
7439-96-5	Manganese	420		01/06/2025	1652
7440-02-0	Nickel	20		01/06/2025	1652
7440-09-7	Potassium	350	J	01/06/2025	1652
7782-49-2	Selenium	5.5	*	01/06/2025	1652
7440-22-4	Silver	0.93	U*	01/06/2025	1652
7440-23-5	Sodium	140	J	01/06/2025	1652
7440-28-0	Thallium	2.3	U*	01/06/2025	1652
7440-62-2	Vanadium	19		01/06/2025	1652
7440-66-6	Zinc	220		01/06/2025	1652

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHM59

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHM42

Matrix: SOIL Lab Sample ID: P5121-20

% Solids: 76.1 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	3100		01/06/2025	1656
7440-36-0	Antimony	1.6	J*	01/06/2025	1656
7440-38-2	Arsenic	10		01/06/2025	1656
7440-39-3	Barium	120		01/06/2025	1656
7440-41-7	Beryllium	0.47	J	01/06/2025	1656
7440-43-9	Cadmium	0.21	J	01/06/2025	1656
7440-70-2	Calcium	11000		01/06/2025	1656
7440-47-3	Chromium	6.1		01/06/2025	1656
7440-48-4	Cobalt	8.1	*	01/06/2025	1656
7440-50-8	Copper	31		01/06/2025	1656
7439-89-6	Iron	14000		01/06/2025	1656
7439-92-1	Lead	120		01/06/2025	1656
7439-95-4	Magnesium	3000		01/06/2025	1656
7439-96-5	Manganese	290		01/06/2025	1656
7440-02-0	Nickel	11		01/06/2025	1656
7440-09-7	Potassium	200	J	01/06/2025	1656
7782-49-2	Selenium	4.0	J*	01/06/2025	1656
7440-22-4	Silver	1.2	U*	01/06/2025	1656
7440-23-5	Sodium	290	J	01/06/2025	1656
7440-28-0	Thallium	3.0	U*	01/06/2025	1656
7440-62-2	Vanadium	11		01/06/2025	1656
7440-66-6	Zinc	68		01/06/2025	1656

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHM60

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHM42

Matrix: SOIL Lab Sample ID: P5121-21

% 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	4900		01/06/2025	1700
7440-36-0	Antimony	2.2	J*	01/06/2025	1700
7440-38-2	Arsenic	8.0		01/06/2025	1700
7440-39-3	Barium	130		01/06/2025	1700
7440-41-7	Beryllium	0.45	J	01/06/2025	1700
7440-43-9	Cadmium	0.35	J	01/06/2025	1700
7440-70-2	Calcium	8700		01/06/2025	1700
7440-47-3	Chromium	11		01/06/2025	1700
7440-48-4	Cobalt	8.3	*	01/06/2025	1700
7440-50-8	Copper	37		01/06/2025	1700
7439-89-6	Iron	9300		01/06/2025	1700
7439-92-1	Lead	240		01/06/2025	1700
7439-95-4	Magnesium	2000		01/06/2025	1700
7439-96-5	Manganese	670		01/06/2025	1700
7440-02-0	Nickel	12		01/06/2025	1700
7440-09-7	Potassium	410	J	01/06/2025	1700
7782-49-2	Selenium	3.3	J*	01/06/2025	1700
7440-22-4	Silver	1.0	U*	01/06/2025	1700
7440-23-5	Sodium	140	J	01/06/2025	1700
7440-28-0	Thallium	2.6	U*	01/06/2025	1700
7440-62-2	Vanadium	12		01/06/2025	1700
7440-66-6	Zinc	71		01/06/2025	1700

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHM61

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHM42

Matrix: SOIL Lab Sample ID: P5121-22

% Solids: 62.5 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	7500		01/06/2025	1704
7440-36-0	Antimony	3.3	J*	01/06/2025	1704
7440-38-2	Arsenic	10		01/06/2025	1704
7440-39-3	Barium	220		01/06/2025	1704
7440-41-7	Beryllium	0.57		01/06/2025	1704
7440-43-9	Cadmium	0.52	J	01/06/2025	1704
7440-70-2	Calcium	21000		01/06/2025	1704
7440-47-3	Chromium	18		01/06/2025	1704
7440-48-4	Cobalt	12	*	01/06/2025	1704
7440-50-8	Copper	34		01/06/2025	1704
7439-89-6	Iron	15000		01/06/2025	1704
7439-92-1	Lead	190		01/06/2025	1704
7439-95-4	Magnesium	5100		01/06/2025	1704
7439-96-5	Manganese	890		01/06/2025	1704
7440-02-0	Nickel	17		01/06/2025	1704
7440-09-7	Potassium	610		01/06/2025	1704
7782-49-2	Selenium	5.2	*	01/06/2025	1704
7440-22-4	Silver	1.1	U*	01/06/2025	1704
7440-23-5	Sodium	110	J	01/06/2025	1704
7440-28-0	Thallium	2.8	U*	01/06/2025	1704
7440-62-2	Vanadium	15		01/06/2025	1704
7440-66-6	Zinc	80		01/06/2025	1704

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

Comments: