

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHMM0

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHMM0

Matrix: SOIL Lab Sample ID: P5131-01

% 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	7500		01/04/2025	0340
7440-36-0	Antimony	5.4	J*	01/04/2025	0340
7440-38-2	Arsenic	27	*	01/04/2025	0340
7440-39-3	Barium	190		01/04/2025	0340
7440-41-7	Beryllium	0.80		01/04/2025	0340
7440-43-9	Cadmium	1.1		01/04/2025	0340
7440-70-2	Calcium	17000	*	01/04/2025	0340
7440-47-3	Chromium	16	*	01/04/2025	0340
7440-48-4	Cobalt	15	*	01/04/2025	0340
7440-50-8	Copper	93	*	01/04/2025	0340
7439-89-6	Iron	26000	*	01/04/2025	0340
7439-92-1	Lead	610		01/04/2025	0340
7439-95-4	Magnesium	2500	*	01/04/2025	0340
7439-96-5	Manganese	1700	*	01/04/2025	0340
7440-02-0	Nickel	20		01/04/2025	0340
7440-09-7	Potassium	1000		01/04/2025	0340
7782-49-2	Selenium	14	*	01/04/2025	0340
7440-22-4	Silver	1.1	U*	01/04/2025	0340
7440-23-5	Sodium	200	J	01/04/2025	0340
7440-28-0	Thallium	2.9	U*	01/04/2025	0340
7440-62-2	Vanadium	22		01/04/2025	0340
7440-66-6	Zinc	340	*	01/04/2025	0340

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

Comments:

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MBHMM1

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHMM0

Matrix: SOIL Lab Sample ID: P5131-02

% Solids: 87 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		01/04/2025	0344
7440-36-0	Antimony	3.8	J*	01/04/2025	0344
7440-38-2	Arsenic	24	*	01/04/2025	0344
7440-39-3	Barium	130		01/04/2025	0344
7440-41-7	Beryllium	0.65		01/04/2025	0344
7440-43-9	Cadmium	0.63		01/04/2025	0344
7440-70-2	Calcium	7300	*	01/04/2025	0344
7440-47-3	Chromium	12	*	01/04/2025	0344
7440-48-4	Cobalt	15	*	01/04/2025	0344
7440-50-8	Copper	35	*	01/04/2025	0344
7439-89-6	Iron	19000	*	01/04/2025	0344
7439-92-1	Lead	270		01/04/2025	0344
7439-95-4	Magnesium	2200	*	01/04/2025	0344
7439-96-5	Manganese	2100	*	01/04/2025	0344
7440-02-0	Nickel	17		01/04/2025	0344
7440-09-7	Potassium	870		01/04/2025	0344
7782-49-2	Selenium	10	*	01/04/2025	0344
7440-22-4	Silver	0.82	U*	01/04/2025	0344
7440-23-5	Sodium	410	U	01/04/2025	0344
7440-28-0	Thallium	2.1	U*	01/04/2025	0344
7440-62-2	Vanadium	18		01/04/2025	0344
7440-66-6	Zinc	100	*	01/04/2025	0344

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

Comments:

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MBHMM2

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHMM0

Matrix: SOIL Lab Sample ID: P5131-03

% Solids: 72.3 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	8500		01/04/2025	0348
7440-36-0	Antimony	5.0	J*	01/04/2025	0348
7440-38-2	Arsenic	16	*	01/04/2025	0348
7440-39-3	Barium	160		01/04/2025	0348
7440-41-7	Beryllium	0.87		01/04/2025	0348
7440-43-9	Cadmium	1.2		01/04/2025	0348
7440-70-2	Calcium	16000	*	01/04/2025	0348
7440-47-3	Chromium	19	*	01/04/2025	0348
7440-48-4	Cobalt	15	*	01/04/2025	0348
7440-50-8	Copper	55	*	01/04/2025	0348
7439-89-6	Iron	23000	*	01/04/2025	0348
7439-92-1	Lead	270		01/04/2025	0348
7439-95-4	Magnesium	7700	*	01/04/2025	0348
7439-96-5	Manganese	1400	*	01/04/2025	0348
7440-02-0	Nickel	26		01/04/2025	0348
7440-09-7	Potassium	1400		01/04/2025	0348
7782-49-2	Selenium	11	*	01/04/2025	0348
7440-22-4	Silver	1.0	U*	01/04/2025	0348
7440-23-5	Sodium	510	U	01/04/2025	0348
7440-28-0	Thallium	2.6	U*	01/04/2025	0348
7440-62-2	Vanadium	25		01/04/2025	0348
7440-66-6	Zinc	280	*	01/04/2025	0348

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

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MBHMM3

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHMM0

Matrix: SOIL Lab Sample ID: P5131-04

% Solids: 77.2 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	7900		01/04/2025	0359
7440-36-0	Antimony	5.7	J*	01/04/2025	0359
7440-38-2	Arsenic	17	*	01/04/2025	0359
7440-39-3	Barium	190		01/04/2025	0359
7440-41-7	Beryllium	0.84		01/04/2025	0359
7440-43-9	Cadmium	1.5		01/04/2025	0359
7440-70-2	Calcium	12000	*	01/04/2025	0359
7440-47-3	Chromium	18	*	01/04/2025	0359
7440-48-4	Cobalt	15	*	01/04/2025	0359
7440-50-8	Copper	56	*	01/04/2025	0359
7439-89-6	Iron	25000	*	01/04/2025	0359
7439-92-1	Lead	310		01/04/2025	0359
7439-95-4	Magnesium	5600	*	01/04/2025	0359
7439-96-5	Manganese	1500	*	01/04/2025	0359
7440-02-0	Nickel	27		01/04/2025	0359
7440-09-7	Potassium	980		01/04/2025	0359
7782-49-2	Selenium	12	*	01/04/2025	0359
7440-22-4	Silver	1.0	U*	01/04/2025	0359
7440-23-5	Sodium	510	U	01/04/2025	0359
7440-28-0	Thallium	2.5	U*	01/04/2025	0359
7440-62-2	Vanadium	21		01/04/2025	0359
7440-66-6	Zinc	300	*	01/04/2025	0359

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

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MBHMM4

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHMM0

Matrix: SOIL Lab Sample ID: P5131-05

% 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	6600		01/04/2025	0403
7440-36-0	Antimony	5.4	J*	01/04/2025	0403
7440-38-2	Arsenic	20	*	01/04/2025	0403
7440-39-3	Barium	240		01/04/2025	0403
7440-41-7	Beryllium	0.76		01/04/2025	0403
7440-43-9	Cadmium	2.5		01/04/2025	0403
7440-70-2	Calcium	24000	*	01/04/2025	0403
7440-47-3	Chromium	23	*	01/04/2025	0403
7440-48-4	Cobalt	14	*	01/04/2025	0403
7440-50-8	Copper	85	*	01/04/2025	0403
7439-89-6	Iron	23000	*	01/04/2025	0403
7439-92-1	Lead	430		01/04/2025	0403
7439-95-4	Magnesium	5000	*	01/04/2025	0403
7439-96-5	Manganese	1500	*	01/04/2025	0403
7440-02-0	Nickel	38		01/04/2025	0403
7440-09-7	Potassium	780		01/04/2025	0403
7782-49-2	Selenium	11	*	01/04/2025	0403
7440-22-4	Silver	0.97	U*	01/04/2025	0403
7440-23-5	Sodium	140	J	01/04/2025	0403
7440-28-0	Thallium	2.4	U*	01/04/2025	0403
7440-62-2	Vanadium	20		01/04/2025	0403
7440-66-6	Zinc	620	*	01/04/2025	0403

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

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MBHMM5

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHMM0

Matrix: SOIL Lab Sample ID: P5131-06

% Solids: 85 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		01/04/2025	0407
7440-36-0	Antimony	3.7	J*	01/04/2025	0407
7440-38-2	Arsenic	17	*	01/04/2025	0407
7440-39-3	Barium	190		01/04/2025	0407
7440-41-7	Beryllium	0.70		01/04/2025	0407
7440-43-9	Cadmium	1.4		01/04/2025	0407
7440-70-2	Calcium	13000	*	01/04/2025	0407
7440-47-3	Chromium	15	*	01/04/2025	0407
7440-48-4	Cobalt	13	*	01/04/2025	0407
7440-50-8	Copper	53	*	01/04/2025	0407
7439-89-6	Iron	17000	*	01/04/2025	0407
7439-92-1	Lead	310		01/04/2025	0407
7439-95-4	Magnesium	3100	*	01/04/2025	0407
7439-96-5	Manganese	1600	*	01/04/2025	0407
7440-02-0	Nickel	24		01/04/2025	0407
7440-09-7	Potassium	670		01/04/2025	0407
7782-49-2	Selenium	8.1	*	01/04/2025	0407
7440-22-4	Silver	1.0	U*	01/04/2025	0407
7440-23-5	Sodium	180	J	01/04/2025	0407
7440-28-0	Thallium	2.6	U*	01/04/2025	0407
7440-62-2	Vanadium	20		01/04/2025	0407
7440-66-6	Zinc	870	*	01/04/2025	0407

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

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MBHMM6

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHMM0

Matrix: SOIL Lab Sample ID: P5131-07

% Solids: 86.9 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	6800		12/27/2024	1737
7440-36-0	Antimony	1.2	J*	12/27/2024	1737
7440-38-2	Arsenic	22	*	12/27/2024	1737
7440-39-3	Barium	160		12/27/2024	1737
7440-41-7	Beryllium	0.82		12/27/2024	1737
7440-43-9	Cadmium	1.1		12/27/2024	1737
7440-70-2	Calcium	10000	*	12/27/2024	1737
7440-47-3	Chromium	12	*	12/27/2024	1737
7440-48-4	Cobalt	15	*	12/27/2024	1737
7440-50-8	Copper	36	*	12/27/2024	1737
7439-89-6	Iron	20000	*	12/27/2024	1737
7439-92-1	Lead	170		12/27/2024	1737
7439-95-4	Magnesium	2500	*	12/27/2024	1737
7439-96-5	Manganese	2600	*	12/27/2024	1737
7440-02-0	Nickel	21		12/27/2024	1737
7440-09-7	Potassium	700		12/27/2024	1737
7782-49-2	Selenium	11	*	12/27/2024	1737
7440-22-4	Silver	1.0	U*	12/27/2024	1737
7440-23-5	Sodium	130	J	12/27/2024	1737
7440-28-0	Thallium	2.6	U*	12/27/2024	1737
7440-62-2	Vanadium	21		12/27/2024	1737
7440-66-6	Zinc	280	*	12/27/2024	1737

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

Comments:

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MBHMM7

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHMM0

Matrix: SOIL Lab Sample ID: P5131-10

% Solids: 87.6 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	6900		01/04/2025	0411
7440-36-0	Antimony	4.4	J*	01/04/2025	0411
7440-38-2	Arsenic	18	*	01/04/2025	0411
7440-39-3	Barium	140		01/04/2025	0411
7440-41-7	Beryllium	0.57		01/04/2025	0411
7440-43-9	Cadmium	1.1		01/04/2025	0411
7440-70-2	Calcium	13000	*	01/04/2025	0411
7440-47-3	Chromium	14	*	01/04/2025	0411
7440-48-4	Cobalt	15	*	01/04/2025	0411
7440-50-8	Copper	51	*	01/04/2025	0411
7439-89-6	Iron	21000	*	01/04/2025	0411
7439-92-1	Lead	130		01/04/2025	0411
7439-95-4	Magnesium	2200	*	01/04/2025	0411
7439-96-5	Manganese	3300	D*	01/05/2025	2151
7440-02-0	Nickel	21		01/04/2025	0411
7440-09-7	Potassium	560		01/04/2025	0411
7782-49-2	Selenium	11	*	01/04/2025	0411
7440-22-4	Silver	0.97	U*	01/04/2025	0411
7440-23-5	Sodium	170	J	01/04/2025	0411
7440-28-0	Thallium	2.4	U*	01/04/2025	0411
7440-62-2	Vanadium	17		01/04/2025	0411
7440-66-6	Zinc	220	*	01/04/2025	0411

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

Comments:

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MBHMN2

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHMM0
 Matrix: SOIL Lab Sample ID: P5131-11
 % Solids: 87.6 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	7400		01/04/2025	0414
7440-36-0	Antimony	4.2	J*	01/04/2025	0414
7440-38-2	Arsenic	25	*	01/04/2025	0414
7440-39-3	Barium	130		01/04/2025	0414
7440-41-7	Beryllium	0.69		01/04/2025	0414
7440-43-9	Cadmium	0.61		01/04/2025	0414
7440-70-2	Calcium	6800	*	01/04/2025	0414
7440-47-3	Chromium	14	*	01/04/2025	0414
7440-48-4	Cobalt	15	*	01/04/2025	0414
7440-50-8	Copper	35	*	01/04/2025	0414
7439-89-6	Iron	19000	*	01/04/2025	0414
7439-92-1	Lead	280		01/04/2025	0414
7439-95-4	Magnesium	2000	*	01/04/2025	0414
7439-96-5	Manganese	2100	*	01/04/2025	0414
7440-02-0	Nickel	16		01/04/2025	0414
7440-09-7	Potassium	860		01/04/2025	0414
7782-49-2	Selenium	11	*	01/04/2025	0414
7440-22-4	Silver	1.0	U*	01/04/2025	0414
7440-23-5	Sodium	500	U	01/04/2025	0414
7440-28-0	Thallium	2.5	U*	01/04/2025	0414
7440-62-2	Vanadium	18		01/04/2025	0414
7440-66-6	Zinc	120	*	01/04/2025	0414

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

Comments:

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MBHMN3

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHMM0

Matrix: SOIL Lab Sample ID: P5131-12

% Solids: 77.3 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	7200		01/04/2025	0418
7440-36-0	Antimony	4.1	J*	01/04/2025	0418
7440-38-2	Arsenic	22	*	01/04/2025	0418
7440-39-3	Barium	170		01/04/2025	0418
7440-41-7	Beryllium	0.71		01/04/2025	0418
7440-43-9	Cadmium	0.72		01/04/2025	0418
7440-70-2	Calcium	9000	*	01/04/2025	0418
7440-47-3	Chromium	22	*	01/04/2025	0418
7440-48-4	Cobalt	15	*	01/04/2025	0418
7440-50-8	Copper	54	*	01/04/2025	0418
7439-89-6	Iron	19000	*	01/04/2025	0418
7439-92-1	Lead	570		01/04/2025	0418
7439-95-4	Magnesium	2400	*	01/04/2025	0418
7439-96-5	Manganese	1700	*	01/04/2025	0418
7440-02-0	Nickel	19		01/04/2025	0418
7440-09-7	Potassium	910		01/04/2025	0418
7782-49-2	Selenium	10	*	01/04/2025	0418
7440-22-4	Silver	1.2	U*	01/04/2025	0418
7440-23-5	Sodium	580	U	01/04/2025	0418
7440-28-0	Thallium	2.9	U*	01/04/2025	0418
7440-62-2	Vanadium	16		01/04/2025	0418
7440-66-6	Zinc	220	*	01/04/2025	0418

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

Comments: