

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHMR4

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHMR4

Matrix: SOIL Lab Sample ID: P5211-01

% Solids: 67.4 Date Received: 12/07/2024

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		01/12/2025	1529
7440-36-0	Antimony	7.8	U	01/12/2025	1529
7440-38-2	Arsenic	15	*	01/12/2025	1529
7440-39-3	Barium	140		01/12/2025	1529
7440-41-7	Beryllium	0.66		01/12/2025	1529
7440-43-9	Cadmium	0.97		01/12/2025	1529
7440-70-2	Calcium	5800		01/12/2025	1529
7440-47-3	Chromium	23		01/12/2025	1529
7440-48-4	Cobalt	8.4		01/12/2025	1529
7440-50-8	Copper	47		01/12/2025	1529
7439-89-6	Iron	13000		01/12/2025	1529
7439-92-1	Lead	1600		01/12/2025	1529
7439-95-4	Magnesium	2100		01/12/2025	1529
7439-96-5	Manganese	920	*	01/12/2025	1529
7440-02-0	Nickel	20		01/12/2025	1529
7440-09-7	Potassium	770		01/12/2025	1529
7782-49-2	Selenium	2.6	J*	01/12/2025	1529
7440-22-4	Silver	1.3	U*	01/12/2025	1529
7440-23-5	Sodium	650	U	01/12/2025	1529
7440-28-0	Thallium	3.3	U	01/12/2025	1529
7440-62-2	Vanadium	24		01/12/2025	1529
7440-66-6	Zinc	150		01/12/2025	1529

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHMR5

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHMR4

Matrix: SOIL Lab Sample ID: P5211-02

% Solids: 71.6 Date Received: 12/07/2024

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		01/12/2025	1715
7440-36-0	Antimony	6.3	U	01/12/2025	1715
7440-38-2	Arsenic	18	*	01/12/2025	1715
7440-39-3	Barium	140		01/12/2025	1715
7440-41-7	Beryllium	0.68		01/12/2025	1715
7440-43-9	Cadmium	1.0		01/12/2025	1715
7440-70-2	Calcium	4400		01/12/2025	1715
7440-47-3	Chromium	23		01/12/2025	1715
7440-48-4	Cobalt	9.2		01/12/2025	1715
7440-50-8	Copper	48		01/12/2025	1715
7439-89-6	Iron	12000		01/12/2025	1715
7439-92-1	Lead	180		01/12/2025	1715
7439-95-4	Magnesium	1400		01/12/2025	1715
7439-96-5	Manganese	820	*	01/12/2025	1715
7440-02-0	Nickel	22		01/12/2025	1715
7440-09-7	Potassium	750		01/12/2025	1715
7782-49-2	Selenium	2.8	J*	01/12/2025	1715
7440-22-4	Silver	1.0	U*	01/12/2025	1715
7440-23-5	Sodium	70	J	01/12/2025	1715
7440-28-0	Thallium	2.6	U	01/12/2025	1715
7440-62-2	Vanadium	23		01/12/2025	1715
7440-66-6	Zinc	150		01/12/2025	1715

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHMR6

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHMR4

Matrix: SOIL Lab Sample ID: P5211-03

% Solids: 73.5 Date Received: 12/07/2024

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		01/12/2025	1719
7440-36-0	Antimony	6.6	U	01/12/2025	1719
7440-38-2	Arsenic	16	*	01/12/2025	1719
7440-39-3	Barium	140		01/12/2025	1719
7440-41-7	Beryllium	0.69		01/12/2025	1719
7440-43-9	Cadmium	1.1		01/12/2025	1719
7440-70-2	Calcium	4400		01/12/2025	1719
7440-47-3	Chromium	21		01/12/2025	1719
7440-48-4	Cobalt	9.0		01/12/2025	1719
7440-50-8	Copper	46		01/12/2025	1719
7439-89-6	Iron	14000		01/12/2025	1719
7439-92-1	Lead	170		01/12/2025	1719
7439-95-4	Magnesium	1800		01/12/2025	1719
7439-96-5	Manganese	970	*	01/12/2025	1719
7440-02-0	Nickel	21		01/12/2025	1719
7440-09-7	Potassium	790		01/12/2025	1719
7782-49-2	Selenium	3.3	J*	01/12/2025	1719
7440-22-4	Silver	1.1	U*	01/12/2025	1719
7440-23-5	Sodium	83	J	01/12/2025	1719
7440-28-0	Thallium	2.7	U	01/12/2025	1719
7440-62-2	Vanadium	24		01/12/2025	1719
7440-66-6	Zinc	160		01/12/2025	1719

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHMR7

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHMR4

Matrix: SOIL Lab Sample ID: P5211-04

% Solids: 77.1 Date Received: 12/07/2024

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	6000		01/12/2025	1732
7440-36-0	Antimony	5.7	U	01/12/2025	1732
7440-38-2	Arsenic	9.5	*	01/12/2025	1732
7440-39-3	Barium	140		01/12/2025	1732
7440-41-7	Beryllium	0.60		01/12/2025	1732
7440-43-9	Cadmium	0.90		01/12/2025	1732
7440-70-2	Calcium	3700		01/12/2025	1732
7440-47-3	Chromium	13		01/12/2025	1732
7440-48-4	Cobalt	7.8		01/12/2025	1732
7440-50-8	Copper	22		01/12/2025	1732
7439-89-6	Iron	13000		01/12/2025	1732
7439-92-1	Lead	68		01/12/2025	1732
7439-95-4	Magnesium	1600		01/12/2025	1732
7439-96-5	Manganese	1400	*	01/12/2025	1732
7440-02-0	Nickel	15		01/12/2025	1732
7440-09-7	Potassium	730		01/12/2025	1732
7782-49-2	Selenium	2.8	J*	01/12/2025	1732
7440-22-4	Silver	0.95	U*	01/12/2025	1732
7440-23-5	Sodium	470	U	01/12/2025	1732
7440-28-0	Thallium	2.4	U	01/12/2025	1732
7440-62-2	Vanadium	19		01/12/2025	1732
7440-66-6	Zinc	87		01/12/2025	1732

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHMR8

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHMR4

Matrix: SOIL Lab Sample ID: P5211-05

% Solids: 73.7 Date Received: 12/07/2024

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		01/12/2025	1736
7440-36-0	Antimony	6.3	U	01/12/2025	1736
7440-38-2	Arsenic	7.8	*	01/12/2025	1736
7440-39-3	Barium	200		01/12/2025	1736
7440-41-7	Beryllium	0.80		01/12/2025	1736
7440-43-9	Cadmium	1.4		01/12/2025	1736
7440-70-2	Calcium	4400		01/12/2025	1736
7440-47-3	Chromium	13		01/12/2025	1736
7440-48-4	Cobalt	8.5		01/12/2025	1736
7440-50-8	Copper	20		01/12/2025	1736
7439-89-6	Iron	13000		01/12/2025	1736
7439-92-1	Lead	39		01/12/2025	1736
7439-95-4	Magnesium	1700		01/12/2025	1736
7439-96-5	Manganese	2700	*	01/12/2025	1736
7440-02-0	Nickel	20		01/12/2025	1736
7440-09-7	Potassium	660		01/12/2025	1736
7782-49-2	Selenium	2.7	J*	01/12/2025	1736
7440-22-4	Silver	1.0	U*	01/12/2025	1736
7440-23-5	Sodium	520	U	01/12/2025	1736
7440-28-0	Thallium	2.6	U	01/12/2025	1736
7440-62-2	Vanadium	15		01/12/2025	1736
7440-66-6	Zinc	79		01/12/2025	1736

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHMR9

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHMR4

Matrix: SOIL Lab Sample ID: P5211-06

% Solids: 79.2 Date Received: 12/07/2024

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		01/12/2025	1755
7440-36-0	Antimony	6.5	U	01/12/2025	1755
7440-38-2	Arsenic	8.3	*	01/12/2025	1755
7440-39-3	Barium	160		01/12/2025	1755
7440-41-7	Beryllium	0.62		01/12/2025	1755
7440-43-9	Cadmium	1.1		01/12/2025	1755
7440-70-2	Calcium	3600		01/12/2025	1755
7440-47-3	Chromium	15		01/12/2025	1755
7440-48-4	Cobalt	9.3		01/12/2025	1755
7440-50-8	Copper	16		01/12/2025	1755
7439-89-6	Iron	15000		01/12/2025	1755
7439-92-1	Lead	34		01/12/2025	1755
7439-95-4	Magnesium	2000		01/12/2025	1755
7439-96-5	Manganese	1800	*	01/12/2025	1755
7440-02-0	Nickel	18		01/12/2025	1755
7440-09-7	Potassium	580		01/12/2025	1755
7782-49-2	Selenium	2.9	J*	01/12/2025	1755
7440-22-4	Silver	1.1	U*	01/12/2025	1755
7440-23-5	Sodium	540	U	01/12/2025	1755
7440-28-0	Thallium	2.7	U	01/12/2025	1755
7440-62-2	Vanadium	17		01/12/2025	1755
7440-66-6	Zinc	80		01/12/2025	1755

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHMS0

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHMR4

Matrix: SOIL Lab Sample ID: P5211-07

% Solids: 84.1 Date Received: 12/07/2024

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		01/12/2025	1759
7440-36-0	Antimony	5.5	U	01/12/2025	1759
7440-38-2	Arsenic	5.2	*	01/12/2025	1759
7440-39-3	Barium	59		01/12/2025	1759
7440-41-7	Beryllium	0.34	J	01/12/2025	1759
7440-43-9	Cadmium	0.46		01/12/2025	1759
7440-70-2	Calcium	16000		01/12/2025	1759
7440-47-3	Chromium	11		01/12/2025	1759
7440-48-4	Cobalt	7.0		01/12/2025	1759
7440-50-8	Copper	13		01/12/2025	1759
7439-89-6	Iron	15000		01/12/2025	1759
7439-92-1	Lead	20		01/12/2025	1759
7439-95-4	Magnesium	6000		01/12/2025	1759
7439-96-5	Manganese	470	*	01/12/2025	1759
7440-02-0	Nickel	14		01/12/2025	1759
7440-09-7	Potassium	630		01/12/2025	1759
7782-49-2	Selenium	2.6	J*	01/12/2025	1759
7440-22-4	Silver	0.92	U*	01/12/2025	1759
7440-23-5	Sodium	69	J	01/12/2025	1759
7440-28-0	Thallium	2.3	U	01/12/2025	1759
7440-62-2	Vanadium	13		01/12/2025	1759
7440-66-6	Zinc	60		01/12/2025	1759

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHN06

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHMR4

Matrix: SOIL Lab Sample ID: P5211-08

% Solids: 78.6 Date Received: 12/07/2024

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	5700		01/12/2025	1803
7440-36-0	Antimony	6.5	U	01/12/2025	1803
7440-38-2	Arsenic	7.7	*	01/12/2025	1803
7440-39-3	Barium	85		01/12/2025	1803
7440-41-7	Beryllium	0.39	J	01/12/2025	1803
7440-43-9	Cadmium	0.69		01/12/2025	1803
7440-70-2	Calcium	14000		01/12/2025	1803
7440-47-3	Chromium	13		01/12/2025	1803
7440-48-4	Cobalt	7.1		01/12/2025	1803
7440-50-8	Copper	35		01/12/2025	1803
7439-89-6	Iron	13000		01/12/2025	1803
7439-92-1	Lead	130		01/12/2025	1803
7439-95-4	Magnesium	5400		01/12/2025	1803
7439-96-5	Manganese	690	*	01/12/2025	1803
7440-02-0	Nickel	20		01/12/2025	1803
7440-09-7	Potassium	790		01/12/2025	1803
7782-49-2	Selenium	2.6	J*	01/12/2025	1803
7440-22-4	Silver	1.1	U*	01/12/2025	1803
7440-23-5	Sodium	540	U	01/12/2025	1803
7440-28-0	Thallium	2.7	U	01/12/2025	1803
7440-62-2	Vanadium	14		01/12/2025	1803
7440-66-6	Zinc	140		01/12/2025	1803

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHN07

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHMR4

Matrix: SOIL Lab Sample ID: P5211-09

% Solids: 82.9 Date Received: 12/07/2024

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	5000		01/12/2025	1807
7440-36-0	Antimony	6.2	U	01/12/2025	1807
7440-38-2	Arsenic	7.2	*	01/12/2025	1807
7440-39-3	Barium	78		01/12/2025	1807
7440-41-7	Beryllium	0.37	J	01/12/2025	1807
7440-43-9	Cadmium	0.71		01/12/2025	1807
7440-70-2	Calcium	30000		01/12/2025	1807
7440-47-3	Chromium	12		01/12/2025	1807
7440-48-4	Cobalt	6.4		01/12/2025	1807
7440-50-8	Copper	28		01/12/2025	1807
7439-89-6	Iron	13000		01/12/2025	1807
7439-92-1	Lead	110		01/12/2025	1807
7439-95-4	Magnesium	5500		01/12/2025	1807
7439-96-5	Manganese	650	*	01/12/2025	1807
7440-02-0	Nickel	17		01/12/2025	1807
7440-09-7	Potassium	580		01/12/2025	1807
7782-49-2	Selenium	2.1	J*	01/12/2025	1807
7440-22-4	Silver	1.0	U*	01/12/2025	1807
7440-23-5	Sodium	79	J	01/12/2025	1807
7440-28-0	Thallium	2.6	U	01/12/2025	1807
7440-62-2	Vanadium	13		01/12/2025	1807
7440-66-6	Zinc	120		01/12/2025	1807

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHN08

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHMR4

Matrix: SOIL Lab Sample ID: P5211-10

% Solids: 88.7 Date Received: 12/07/2024

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	5300		01/12/2025	1635
7440-36-0	Antimony	5.9	U	01/12/2025	1635
7440-38-2	Arsenic	8.6	*	01/12/2025	1635
7440-39-3	Barium	100		01/12/2025	1635
7440-41-7	Beryllium	0.40	J	01/12/2025	1635
7440-43-9	Cadmium	0.78		01/12/2025	1635
7440-70-2	Calcium	23000		01/12/2025	1635
7440-47-3	Chromium	11		01/12/2025	1635
7440-48-4	Cobalt	8.2		01/12/2025	1635
7440-50-8	Copper	29		01/12/2025	1635
7439-89-6	Iron	14000		01/12/2025	1635
7439-92-1	Lead	170		01/12/2025	1635
7439-95-4	Magnesium	4300		01/12/2025	1635
7439-96-5	Manganese	810	*	01/12/2025	1635
7440-02-0	Nickel	18		01/12/2025	1635
7440-09-7	Potassium	590		01/12/2025	1635
7782-49-2	Selenium	2.5	J*	01/12/2025	1635
7440-22-4	Silver	0.99	U*	01/12/2025	1635
7440-23-5	Sodium	73	J	01/12/2025	1635
7440-28-0	Thallium	2.5	U	01/12/2025	1635
7440-62-2	Vanadium	13		01/12/2025	1635
7440-66-6	Zinc	110		01/12/2025	1635

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHN09

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHMR4

Matrix: SOIL Lab Sample ID: P5211-11

% Solids: 86.9 Date Received: 12/07/2024

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	5600		01/12/2025	1639
7440-36-0	Antimony	5.5	U	01/12/2025	1639
7440-38-2	Arsenic	11	*	01/12/2025	1639
7440-39-3	Barium	120		01/12/2025	1639
7440-41-7	Beryllium	0.48		01/12/2025	1639
7440-43-9	Cadmium	0.89		01/12/2025	1639
7440-70-2	Calcium	8900		01/12/2025	1639
7440-47-3	Chromium	11		01/12/2025	1639
7440-48-4	Cobalt	9.2		01/12/2025	1639
7440-50-8	Copper	41		01/12/2025	1639
7439-89-6	Iron	16000		01/12/2025	1639
7439-92-1	Lead	190		01/12/2025	1639
7439-95-4	Magnesium	2500		01/12/2025	1639
7439-96-5	Manganese	950	*	01/12/2025	1639
7440-02-0	Nickel	16		01/12/2025	1639
7440-09-7	Potassium	600		01/12/2025	1639
7782-49-2	Selenium	2.8	J*	01/12/2025	1639
7440-22-4	Silver	0.91	U*	01/12/2025	1639
7440-23-5	Sodium	100	J	01/12/2025	1639
7440-28-0	Thallium	2.3	U	01/12/2025	1639
7440-62-2	Vanadium	14		01/12/2025	1639
7440-66-6	Zinc	120		01/12/2025	1639

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHN10

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHMR4

Matrix: SOIL Lab Sample ID: P5211-12

% Solids: 86 Date Received: 12/07/2024

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	5900		01/12/2025	1643
7440-36-0	Antimony	5.8	U	01/12/2025	1643
7440-38-2	Arsenic	12	*	01/12/2025	1643
7440-39-3	Barium	180		01/12/2025	1643
7440-41-7	Beryllium	0.57		01/12/2025	1643
7440-43-9	Cadmium	1.3		01/12/2025	1643
7440-70-2	Calcium	4000		01/12/2025	1643
7440-47-3	Chromium	11		01/12/2025	1643
7440-48-4	Cobalt	12		01/12/2025	1643
7440-50-8	Copper	23		01/12/2025	1643
7439-89-6	Iron	18000		01/12/2025	1643
7439-92-1	Lead	47		01/12/2025	1643
7439-95-4	Magnesium	1700		01/12/2025	1643
7439-96-5	Manganese	1800	*	01/12/2025	1643
7440-02-0	Nickel	19		01/12/2025	1643
7440-09-7	Potassium	440	J	01/12/2025	1643
7782-49-2	Selenium	3.5	*	01/12/2025	1643
7440-22-4	Silver	0.96	U*	01/12/2025	1643
7440-23-5	Sodium	75	J	01/12/2025	1643
7440-28-0	Thallium	2.4	U	01/12/2025	1643
7440-62-2	Vanadium	15		01/12/2025	1643
7440-66-6	Zinc	140		01/12/2025	1643

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHN11

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHMR4

Matrix: SOIL Lab Sample ID: P5211-13

% Solids: 88.1 Date Received: 12/07/2024

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		01/12/2025	1647
7440-36-0	Antimony	6.2	U	01/12/2025	1647
7440-38-2	Arsenic	15	*	01/12/2025	1647
7440-39-3	Barium	410		01/12/2025	1647
7440-41-7	Beryllium	0.59		01/12/2025	1647
7440-43-9	Cadmium	1.2		01/12/2025	1647
7440-70-2	Calcium	3900		01/12/2025	1647
7440-47-3	Chromium	10		01/12/2025	1647
7440-48-4	Cobalt	15		01/12/2025	1647
7440-50-8	Copper	29		01/12/2025	1647
7439-89-6	Iron	21000		01/12/2025	1647
7439-92-1	Lead	38		01/12/2025	1647
7439-95-4	Magnesium	2100		01/12/2025	1647
7439-96-5	Manganese	3000	*	01/12/2025	1647
7440-02-0	Nickel	22		01/12/2025	1647
7440-09-7	Potassium	430	J	01/12/2025	1647
7782-49-2	Selenium	3.8	*	01/12/2025	1647
7440-22-4	Silver	1.0	U*	01/12/2025	1647
7440-23-5	Sodium	520	U	01/12/2025	1647
7440-28-0	Thallium	2.6	U	01/12/2025	1647
7440-62-2	Vanadium	15		01/12/2025	1647
7440-66-6	Zinc	94		01/12/2025	1647

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHN12

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHMR4

Matrix: SOIL Lab Sample ID: P5211-14

% Solids: 83.8 Date Received: 12/07/2024

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	3200		01/12/2025	1651
7440-36-0	Antimony	6.1	U	01/12/2025	1651
7440-38-2	Arsenic	9.6	*	01/12/2025	1651
7440-39-3	Barium	110		01/12/2025	1651
7440-41-7	Beryllium	0.43	J	01/12/2025	1651
7440-43-9	Cadmium	0.65		01/12/2025	1651
7440-70-2	Calcium	67000		01/12/2025	1651
7440-47-3	Chromium	7.8		01/12/2025	1651
7440-48-4	Cobalt	6.8		01/12/2025	1651
7440-50-8	Copper	23		01/12/2025	1651
7439-89-6	Iron	13000		01/12/2025	1651
7439-92-1	Lead	30		01/12/2025	1651
7439-95-4	Magnesium	26000		01/12/2025	1651
7439-96-5	Manganese	1400	*	01/12/2025	1651
7440-02-0	Nickel	12		01/12/2025	1651
7440-09-7	Potassium	830		01/12/2025	1651
7782-49-2	Selenium	1.4	J*	01/12/2025	1651
7440-22-4	Silver	1.0	U*	01/12/2025	1651
7440-23-5	Sodium	94	J	01/12/2025	1651
7440-28-0	Thallium	2.5	U	01/12/2025	1651
7440-62-2	Vanadium	9.1		01/12/2025	1651
7440-66-6	Zinc	56		01/12/2025	1651

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHN13

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHMR4

Matrix: SOIL Lab Sample ID: P5211-15

% Solids: 73.1 Date Received: 12/07/2024

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		01/12/2025	1655
7440-36-0	Antimony	5.9	U	01/12/2025	1655
7440-38-2	Arsenic	5.8	*	01/12/2025	1655
7440-39-3	Barium	99		01/12/2025	1655
7440-41-7	Beryllium	0.29	J	01/12/2025	1655
7440-43-9	Cadmium	0.85		01/12/2025	1655
7440-70-2	Calcium	6000		01/12/2025	1655
7440-47-3	Chromium	17		01/12/2025	1655
7440-48-4	Cobalt	4.4	J	01/12/2025	1655
7440-50-8	Copper	40		01/12/2025	1655
7439-89-6	Iron	10000		01/12/2025	1655
7439-92-1	Lead	180		01/12/2025	1655
7439-95-4	Magnesium	2200		01/12/2025	1655
7439-96-5	Manganese	370	*	01/12/2025	1655
7440-02-0	Nickel	13		01/12/2025	1655
7440-09-7	Potassium	540		01/12/2025	1655
7782-49-2	Selenium	2.1	J*	01/12/2025	1655
7440-22-4	Silver	0.98	U*	01/12/2025	1655
7440-23-5	Sodium	490	U	01/12/2025	1655
7440-28-0	Thallium	2.5	U	01/12/2025	1655
7440-62-2	Vanadium	12		01/12/2025	1655
7440-66-6	Zinc	190		01/12/2025	1655

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHN14

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHMR4

Matrix: SOIL Lab Sample ID: P5211-16

% Solids: 78.2 Date Received: 12/07/2024

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	5300		01/12/2025	1659
7440-36-0	Antimony	5.9	U	01/12/2025	1659
7440-38-2	Arsenic	10	*	01/12/2025	1659
7440-39-3	Barium	200		01/12/2025	1659
7440-41-7	Beryllium	0.43	J	01/12/2025	1659
7440-43-9	Cadmium	1.2		01/12/2025	1659
7440-70-2	Calcium	12000		01/12/2025	1659
7440-47-3	Chromium	32		01/12/2025	1659
7440-48-4	Cobalt	7.1		01/12/2025	1659
7440-50-8	Copper	89		01/12/2025	1659
7439-89-6	Iron	15000		01/12/2025	1659
7439-92-1	Lead	410		01/12/2025	1659
7439-95-4	Magnesium	2800		01/12/2025	1659
7439-96-5	Manganese	690	*	01/12/2025	1659
7440-02-0	Nickel	20		01/12/2025	1659
7440-09-7	Potassium	600		01/12/2025	1659
7782-49-2	Selenium	3.2	J*	01/12/2025	1659
7440-22-4	Silver	0.98	U*	01/12/2025	1659
7440-23-5	Sodium	81	J	01/12/2025	1659
7440-28-0	Thallium	2.5	U	01/12/2025	1659
7440-62-2	Vanadium	14		01/12/2025	1659
7440-66-6	Zinc	360		01/12/2025	1659

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHN15

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHMR4

Matrix: SOIL Lab Sample ID: P5211-17

% Solids: 79.6 Date Received: 12/07/2024

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	5600		01/12/2025	1703
7440-36-0	Antimony	5.2	U	01/12/2025	1703
7440-38-2	Arsenic	11	*	01/12/2025	1703
7440-39-3	Barium	220		01/12/2025	1703
7440-41-7	Beryllium	0.47		01/12/2025	1703
7440-43-9	Cadmium	1.4		01/12/2025	1703
7440-70-2	Calcium	19000		01/12/2025	1703
7440-47-3	Chromium	28		01/12/2025	1703
7440-48-4	Cobalt	9.0		01/12/2025	1703
7440-50-8	Copper	73		01/12/2025	1703
7439-89-6	Iron	19000		01/12/2025	1703
7439-92-1	Lead	450		01/12/2025	1703
7439-95-4	Magnesium	3700		01/12/2025	1703
7439-96-5	Manganese	970	*	01/12/2025	1703
7440-02-0	Nickel	21		01/12/2025	1703
7440-09-7	Potassium	700		01/12/2025	1703
7782-49-2	Selenium	3.4	*	01/12/2025	1703
7440-22-4	Silver	0.87	U*	01/12/2025	1703
7440-23-5	Sodium	92	J	01/12/2025	1703
7440-28-0	Thallium	2.2	U	01/12/2025	1703
7440-62-2	Vanadium	16		01/12/2025	1703
7440-66-6	Zinc	340		01/12/2025	1703

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHN16

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHMR4

Matrix: SOIL Lab Sample ID: P5211-18

% Solids: 80.6 Date Received: 12/07/2024

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	6000		01/12/2025	1707
7440-36-0	Antimony	6.2	U	01/12/2025	1707
7440-38-2	Arsenic	10	*	01/12/2025	1707
7440-39-3	Barium	230		01/12/2025	1707
7440-41-7	Beryllium	0.50	J	01/12/2025	1707
7440-43-9	Cadmium	0.97		01/12/2025	1707
7440-70-2	Calcium	22000		01/12/2025	1707
7440-47-3	Chromium	20		01/12/2025	1707
7440-48-4	Cobalt	10		01/12/2025	1707
7440-50-8	Copper	43		01/12/2025	1707
7439-89-6	Iron	17000		01/12/2025	1707
7439-92-1	Lead	170		01/12/2025	1707
7439-95-4	Magnesium	4300		01/12/2025	1707
7439-96-5	Manganese	1600	*	01/12/2025	1707
7440-02-0	Nickel	16		01/12/2025	1707
7440-09-7	Potassium	690		01/12/2025	1707
7782-49-2	Selenium	2.6	J*	01/12/2025	1707
7440-22-4	Silver	1.0	U*	01/12/2025	1707
7440-23-5	Sodium	520	U	01/12/2025	1707
7440-28-0	Thallium	2.6	U	01/12/2025	1707
7440-62-2	Vanadium	16		01/12/2025	1707
7440-66-6	Zinc	150		01/12/2025	1707

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHN17

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHMR4

Matrix: SOIL Lab Sample ID: P5211-19

% Solids: 81 Date Received: 12/07/2024

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	5300		01/12/2025	1711
7440-36-0	Antimony	6.6	U	01/12/2025	1711
7440-38-2	Arsenic	9.1	*	01/12/2025	1711
7440-39-3	Barium	270		01/12/2025	1711
7440-41-7	Beryllium	0.54	J	01/12/2025	1711
7440-43-9	Cadmium	0.73		01/12/2025	1711
7440-70-2	Calcium	9300		01/12/2025	1711
7440-47-3	Chromium	14		01/12/2025	1711
7440-48-4	Cobalt	9.0		01/12/2025	1711
7440-50-8	Copper	31		01/12/2025	1711
7439-89-6	Iron	15000		01/12/2025	1711
7439-92-1	Lead	76		01/12/2025	1711
7439-95-4	Magnesium	3000		01/12/2025	1711
7439-96-5	Manganese	2800	*	01/12/2025	1711
7440-02-0	Nickel	13		01/12/2025	1711
7440-09-7	Potassium	500	J	01/12/2025	1711
7782-49-2	Selenium	2.9	J*	01/12/2025	1711
7440-22-4	Silver	1.1	U*	01/12/2025	1711
7440-23-5	Sodium	550	U	01/12/2025	1711
7440-28-0	Thallium	2.7	U	01/12/2025	1711
7440-62-2	Vanadium	14		01/12/2025	1711
7440-66-6	Zinc	100		01/12/2025	1711

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHNL7

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHMR4
 Matrix: SOIL Lab Sample ID: P5211-20
 % Solids: 86 Date Received: 12/07/2024
 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	2200		01/12/2025	1603
7440-36-0	Antimony	5.9	U	01/12/2025	1603
7440-38-2	Arsenic	2.5	*	01/12/2025	1603
7440-39-3	Barium	42		01/12/2025	1603
7440-41-7	Beryllium	0.15	J	01/12/2025	1603
7440-43-9	Cadmium	0.30	J	01/12/2025	1603
7440-70-2	Calcium	19000		01/12/2025	1603
7440-47-3	Chromium	5.5		01/12/2025	1603
7440-48-4	Cobalt	3.6	J	01/12/2025	1603
7440-50-8	Copper	12		01/12/2025	1603
7439-89-6	Iron	7300		01/12/2025	1603
7439-92-1	Lead	37		01/12/2025	1603
7439-95-4	Magnesium	2500		01/12/2025	1603
7439-96-5	Manganese	370	*	01/12/2025	1603
7440-02-0	Nickel	5.5		01/12/2025	1603
7440-09-7	Potassium	220	J	01/12/2025	1603
7782-49-2	Selenium	1.2	J*	01/12/2025	1603
7440-22-4	Silver	0.99	U*	01/12/2025	1603
7440-23-5	Sodium	490	U	01/12/2025	1603
7440-28-0	Thallium	2.5	U	01/12/2025	1603
7440-62-2	Vanadium	4.9		01/12/2025	1603
7440-66-6	Zinc	59		01/12/2025	1603

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

Comments: