

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHN18

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHN18

Matrix: SOIL Lab Sample ID: P5212-23

% Solids: 74.8 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	6000		01/12/2025	1904
7440-36-0	Antimony	6.3	U*	01/12/2025	1904
7440-38-2	Arsenic	14	*	01/12/2025	1904
7440-39-3	Barium	340	*	01/12/2025	1904
7440-41-7	Beryllium	0.82	*	01/12/2025	1904
7440-43-9	Cadmium	1.8		01/12/2025	1904
7440-70-2	Calcium	9200		01/12/2025	1904
7440-47-3	Chromium	14	*	01/12/2025	1904
7440-48-4	Cobalt	17		01/12/2025	1904
7440-50-8	Copper	36	*	01/12/2025	1904
7439-89-6	Iron	20000	*	01/12/2025	1904
7439-92-1	Lead	88		01/12/2025	1904
7439-95-4	Magnesium	3300	*	01/12/2025	1904
7439-96-5	Manganese	7100	D	01/12/2025	2334
7440-02-0	Nickel	24		01/12/2025	1904
7440-09-7	Potassium	550		01/12/2025	1904
7782-49-2	Selenium	3.7	*	01/12/2025	1904
7440-22-4	Silver	1.0	U*	01/12/2025	1904
7440-23-5	Sodium	110	J	01/12/2025	1904
7440-28-0	Thallium	2.6	U	01/12/2025	1904
7440-62-2	Vanadium	15	*	01/12/2025	1904
7440-66-6	Zinc	210	*	01/12/2025	1904

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

Comments:

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MBHN19

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHN18

Matrix: SOIL Lab Sample ID: P5212-01

% Solids: 75 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	1740
7440-36-0	Antimony	7.0	U*	01/12/2025	1740
7440-38-2	Arsenic	12	*	01/12/2025	1740
7440-39-3	Barium	240	*	01/12/2025	1740
7440-41-7	Beryllium	0.66	*	01/12/2025	1740
7440-43-9	Cadmium	1.9		01/12/2025	1740
7440-70-2	Calcium	6300		01/12/2025	1740
7440-47-3	Chromium	15	*	01/12/2025	1740
7440-48-4	Cobalt	17		01/12/2025	1740
7440-50-8	Copper	40	*	01/12/2025	1740
7439-89-6	Iron	18000	*	01/12/2025	1740
7439-92-1	Lead	99		01/12/2025	1740
7439-95-4	Magnesium	3200	*	01/12/2025	1740
7439-96-5	Manganese	3300		01/12/2025	1740
7440-02-0	Nickel	25		01/12/2025	1740
7440-09-7	Potassium	650		01/12/2025	1740
7782-49-2	Selenium	3.7	J*	01/12/2025	1740
7440-22-4	Silver	1.2	U*	01/12/2025	1740
7440-23-5	Sodium	130	J	01/12/2025	1740
7440-28-0	Thallium	2.9	U	01/12/2025	1740
7440-62-2	Vanadium	15	*	01/12/2025	1740
7440-66-6	Zinc	210	*	01/12/2025	1740

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

Comments:

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MBHNF0

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHN18

Matrix: SOIL Lab Sample ID: P5212-02

% Solids: 71.3 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	7600		01/12/2025	1744
7440-36-0	Antimony	6.7	U*	01/12/2025	1744
7440-38-2	Arsenic	8.1	*	01/12/2025	1744
7440-39-3	Barium	130	*	01/12/2025	1744
7440-41-7	Beryllium	0.45	J*	01/12/2025	1744
7440-43-9	Cadmium	1.1		01/12/2025	1744
7440-70-2	Calcium	8300		01/12/2025	1744
7440-47-3	Chromium	26	*	01/12/2025	1744
7440-48-4	Cobalt	8.5		01/12/2025	1744
7440-50-8	Copper	54	*	01/12/2025	1744
7439-89-6	Iron	22000	*	01/12/2025	1744
7439-92-1	Lead	220		01/12/2025	1744
7439-95-4	Magnesium	3500	*	01/12/2025	1744
7439-96-5	Manganese	710		01/12/2025	1744
7440-02-0	Nickel	36		01/12/2025	1744
7440-09-7	Potassium	1000		01/12/2025	1744
7782-49-2	Selenium	5.1	*	01/12/2025	1744
7440-22-4	Silver	1.1	U*	01/12/2025	1744
7440-23-5	Sodium	110	J	01/12/2025	1744
7440-28-0	Thallium	2.8	U	01/12/2025	1744
7440-62-2	Vanadium	18	*	01/12/2025	1744
7440-66-6	Zinc	220	*	01/12/2025	1744

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

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MBHNF1

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHN18

Matrix: SOIL Lab Sample ID: P5212-03

% Solids: 76.2 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	7400		01/12/2025	1748
7440-36-0	Antimony	6.6	U*	01/12/2025	1748
7440-38-2	Arsenic	8.1	*	01/12/2025	1748
7440-39-3	Barium	130	*	01/12/2025	1748
7440-41-7	Beryllium	0.44	J*	01/12/2025	1748
7440-43-9	Cadmium	1.2		01/12/2025	1748
7440-70-2	Calcium	18000		01/12/2025	1748
7440-47-3	Chromium	22	*	01/12/2025	1748
7440-48-4	Cobalt	7.7		01/12/2025	1748
7440-50-8	Copper	51	*	01/12/2025	1748
7439-89-6	Iron	21000	*	01/12/2025	1748
7439-92-1	Lead	190		01/12/2025	1748
7439-95-4	Magnesium	5200	*	01/12/2025	1748
7439-96-5	Manganese	740		01/12/2025	1748
7440-02-0	Nickel	27		01/12/2025	1748
7440-09-7	Potassium	900		01/12/2025	1748
7782-49-2	Selenium	4.2	*	01/12/2025	1748
7440-22-4	Silver	1.1	U*	01/12/2025	1748
7440-23-5	Sodium	140	J	01/12/2025	1748
7440-28-0	Thallium	2.7	U	01/12/2025	1748
7440-62-2	Vanadium	17	*	01/12/2025	1748
7440-66-6	Zinc	220	*	01/12/2025	1748

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

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MBHNF2

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHN18

Matrix: SOIL Lab Sample ID: P5212-04

% Solids: 76.4 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	5800		01/12/2025	1752
7440-36-0	Antimony	6.5	U*	01/12/2025	1752
7440-38-2	Arsenic	9.6	*	01/12/2025	1752
7440-39-3	Barium	190	*	01/12/2025	1752
7440-41-7	Beryllium	0.48	J*	01/12/2025	1752
7440-43-9	Cadmium	1.1		01/12/2025	1752
7440-70-2	Calcium	15000		01/12/2025	1752
7440-47-3	Chromium	18	*	01/12/2025	1752
7440-48-4	Cobalt	9.1		01/12/2025	1752
7440-50-8	Copper	53	*	01/12/2025	1752
7439-89-6	Iron	16000	*	01/12/2025	1752
7439-92-1	Lead	340		01/12/2025	1752
7439-95-4	Magnesium	4400	*	01/12/2025	1752
7439-96-5	Manganese	1100		01/12/2025	1752
7440-02-0	Nickel	19		01/12/2025	1752
7440-09-7	Potassium	690		01/12/2025	1752
7782-49-2	Selenium	3.3	J*	01/12/2025	1752
7440-22-4	Silver	1.1	U*	01/12/2025	1752
7440-23-5	Sodium	120	J	01/12/2025	1752
7440-28-0	Thallium	2.7	U	01/12/2025	1752
7440-62-2	Vanadium	16	*	01/12/2025	1752
7440-66-6	Zinc	230	*	01/12/2025	1752

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

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MBHNF3

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHN18

Matrix: SOIL Lab Sample ID: P5212-05

% Solids: 75.4 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	6500		01/12/2025	1619
7440-36-0	Antimony	6.7	U*	01/12/2025	1619
7440-38-2	Arsenic	9.2	*	01/12/2025	1619
7440-39-3	Barium	170	*	01/12/2025	1619
7440-41-7	Beryllium	0.47	J*	01/12/2025	1619
7440-43-9	Cadmium	1.0		01/12/2025	1619
7440-70-2	Calcium	21000		01/12/2025	1619
7440-47-3	Chromium	18	*	01/12/2025	1619
7440-48-4	Cobalt	11		01/12/2025	1619
7440-50-8	Copper	40	*	01/12/2025	1619
7439-89-6	Iron	17000	*	01/12/2025	1619
7439-92-1	Lead	200		01/12/2025	1619
7439-95-4	Magnesium	4000	*	01/12/2025	1619
7439-96-5	Manganese	1100		01/12/2025	1619
7440-02-0	Nickel	18		01/12/2025	1619
7440-09-7	Potassium	700		01/12/2025	1619
7782-49-2	Selenium	3.3	J*	01/12/2025	1619
7440-22-4	Silver	1.1	U*	01/12/2025	1619
7440-23-5	Sodium	130	J	01/12/2025	1619
7440-28-0	Thallium	2.8	U	01/12/2025	1619
7440-62-2	Vanadium	16	*	01/12/2025	1619
7440-66-6	Zinc	140	*	01/12/2025	1619

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

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MBHNF4

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHN18

Matrix: SOIL Lab Sample ID: P5212-08

% Solids: 75 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		01/13/2025	1250
7440-36-0	Antimony	1.6	J*	01/13/2025	1250
7440-38-2	Arsenic	11	*	01/13/2025	1250
7440-39-3	Barium	180	*	01/13/2025	1250
7440-41-7	Beryllium	0.65	*	01/13/2025	1250
7440-43-9	Cadmium	0.64		01/13/2025	1250
7440-70-2	Calcium	15000		01/13/2025	1250
7440-47-3	Chromium	22	*	01/13/2025	1250
7440-48-4	Cobalt	11		01/13/2025	1250
7440-50-8	Copper	41	*	01/13/2025	1250
7439-89-6	Iron	21000	*	01/13/2025	1250
7439-92-1	Lead	75		01/13/2025	1250
7439-95-4	Magnesium	3700	*	01/13/2025	1250
7439-96-5	Manganese	1500		01/13/2025	1250
7440-02-0	Nickel	18		01/13/2025	1250
7440-09-7	Potassium	700		01/13/2025	1250
7782-49-2	Selenium	3.1	J*	01/13/2025	1250
7440-22-4	Silver	1.3	U*	01/13/2025	1250
7440-23-5	Sodium	630	U	01/13/2025	1250
7440-28-0	Thallium	3.1	U	01/13/2025	1250
7440-62-2	Vanadium	20	*	01/13/2025	1250
7440-66-6	Zinc	110	*	01/13/2025	1250

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

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MBHNF5

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHN18

Matrix: SOIL Lab Sample ID: P5212-10

% Solids: 71.1 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	6600		01/12/2025	1815
7440-36-0	Antimony	8.3	U*	01/12/2025	1815
7440-38-2	Arsenic	7.3	*	01/12/2025	1815
7440-39-3	Barium	140	*	01/12/2025	1815
7440-41-7	Beryllium	0.46	J*	01/12/2025	1815
7440-43-9	Cadmium	0.68	J	01/12/2025	1815
7440-70-2	Calcium	18000		01/12/2025	1815
7440-47-3	Chromium	20	*	01/12/2025	1815
7440-48-4	Cobalt	9.8		01/12/2025	1815
7440-50-8	Copper	38	*	01/12/2025	1815
7439-89-6	Iron	17000	*	01/12/2025	1815
7439-92-1	Lead	69		01/12/2025	1815
7439-95-4	Magnesium	5200	*	01/12/2025	1815
7439-96-5	Manganese	1100		01/12/2025	1815
7440-02-0	Nickel	19		01/12/2025	1815
7440-09-7	Potassium	720		01/12/2025	1815
7782-49-2	Selenium	3.2	J*	01/12/2025	1815
7440-22-4	Silver	1.4	U*	01/12/2025	1815
7440-23-5	Sodium	110	J	01/12/2025	1815
7440-28-0	Thallium	3.5	U	01/12/2025	1815
7440-62-2	Vanadium	16	*	01/12/2025	1815
7440-66-6	Zinc	110	*	01/12/2025	1815

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

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MBHNF6

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHN18

Matrix: SOIL Lab Sample ID: P5212-11

% Solids: 76.5 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	3600		01/12/2025	1819
7440-36-0	Antimony	5.6	U*	01/12/2025	1819
7440-38-2	Arsenic	4.6	*	01/12/2025	1819
7440-39-3	Barium	51	*	01/12/2025	1819
7440-41-7	Beryllium	0.22	J*	01/12/2025	1819
7440-43-9	Cadmium	0.44	J	01/12/2025	1819
7440-70-2	Calcium	24000		01/12/2025	1819
7440-47-3	Chromium	11	*	01/12/2025	1819
7440-48-4	Cobalt	7.7		01/12/2025	1819
7440-50-8	Copper	20	*	01/12/2025	1819
7439-89-6	Iron	9500	*	01/12/2025	1819
7439-92-1	Lead	20		01/12/2025	1819
7439-95-4	Magnesium	5900	*	01/12/2025	1819
7439-96-5	Manganese	280		01/12/2025	1819
7440-02-0	Nickel	12		01/12/2025	1819
7440-09-7	Potassium	420	J	01/12/2025	1819
7782-49-2	Selenium	1.7	J*	01/12/2025	1819
7440-22-4	Silver	0.94	U*	01/12/2025	1819
7440-23-5	Sodium	110	J	01/12/2025	1819
7440-28-0	Thallium	2.4	U	01/12/2025	1819
7440-62-2	Vanadium	9.8	*	01/12/2025	1819
7440-66-6	Zinc	49	*	01/12/2025	1819

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

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MBHNNJ4

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHN18

Matrix: Water Lab Sample ID: P5212-09

% Solids: Date Received: 12/07/2024

Analytical Method: ICP_AES

Concentration Units ($\mu\text{g/L}$, mg/L , mg/kg dry weight, μg , or $\mu\text{g/cm}^2$): $\mu\text{g/L}$

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	36	J	12/24/2024	0216
7440-36-0	Antimony	60	U	12/24/2024	0216
7440-38-2	Arsenic	10	U	12/24/2024	0216
7440-39-3	Barium	200	U	12/24/2024	0216
7440-41-7	Beryllium	5.0	U	12/24/2024	0216
7440-43-9	Cadmium	5.0	U	12/24/2024	0216
7440-70-2	Calcium	5000	U	12/24/2024	0216
7440-47-3	Chromium	10	U	12/24/2024	0216
7440-48-4	Cobalt	50	U	12/24/2024	0216
7440-50-8	Copper	25	U	12/24/2024	0216
7439-89-6	Iron	39	J	12/24/2024	0216
7439-92-1	Lead	10	U	12/24/2024	0216
7439-95-4	Magnesium	5000	U	12/24/2024	0216
7439-96-5	Manganese	120		12/24/2024	0216
7440-02-0	Nickel	40	U	12/24/2024	0216
7440-09-7	Potassium	5000	U	12/24/2024	0216
7782-49-2	Selenium	35	U	12/24/2024	0216
7440-22-4	Silver	10	U	12/24/2024	0216
7440-23-5	Sodium	5000	U	12/24/2024	0216
7440-28-0	Thallium	25	U	12/24/2024	0216
7440-62-2	Vanadium	50	U	12/24/2024	0216
7440-66-6	Zinc	19	J	12/24/2024	0216

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

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MBHNL2

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHN18
 Matrix: SOIL Lab Sample ID: P5212-12
 % Solids: 76.6 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	5400		01/12/2025	1823
7440-36-0	Antimony	6.4	U*	01/12/2025	1823
7440-38-2	Arsenic	7.2	*	01/12/2025	1823
7440-39-3	Barium	140	*	01/12/2025	1823
7440-41-7	Beryllium	0.30	J*	01/12/2025	1823
7440-43-9	Cadmium	1.8		01/12/2025	1823
7440-70-2	Calcium	11000		01/12/2025	1823
7440-47-3	Chromium	15	*	01/12/2025	1823
7440-48-4	Cobalt	5.0	J	01/12/2025	1823
7440-50-8	Copper	32	*	01/12/2025	1823
7439-89-6	Iron	12000	*	01/12/2025	1823
7439-92-1	Lead	240		01/12/2025	1823
7439-95-4	Magnesium	3900	*	01/12/2025	1823
7439-96-5	Manganese	360		01/12/2025	1823
7440-02-0	Nickel	16		01/12/2025	1823
7440-09-7	Potassium	600		01/12/2025	1823
7782-49-2	Selenium	2.7	J*	01/12/2025	1823
7440-22-4	Silver	1.1	U*	01/12/2025	1823
7440-23-5	Sodium	95	J	01/12/2025	1823
7440-28-0	Thallium	2.7	U	01/12/2025	1823
7440-62-2	Vanadium	13	*	01/12/2025	1823
7440-66-6	Zinc	460	*	01/12/2025	1823

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHNL3

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHN18

Matrix: SOIL Lab Sample ID: P5212-13

% Solids: 84.2 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	6000		01/12/2025	1827
7440-36-0	Antimony	5.2	U*	01/12/2025	1827
7440-38-2	Arsenic	7.9	*	01/12/2025	1827
7440-39-3	Barium	170	*	01/12/2025	1827
7440-41-7	Beryllium	0.32	J*	01/12/2025	1827
7440-43-9	Cadmium	1.4		01/12/2025	1827
7440-70-2	Calcium	11000		01/12/2025	1827
7440-47-3	Chromium	15	*	01/12/2025	1827
7440-48-4	Cobalt	5.8		01/12/2025	1827
7440-50-8	Copper	31	*	01/12/2025	1827
7439-89-6	Iron	17000	*	01/12/2025	1827
7439-92-1	Lead	220		01/12/2025	1827
7439-95-4	Magnesium	4000	*	01/12/2025	1827
7439-96-5	Manganese	510		01/12/2025	1827
7440-02-0	Nickel	15		01/12/2025	1827
7440-09-7	Potassium	380	J	01/12/2025	1827
7782-49-2	Selenium	3.7	*	01/12/2025	1827
7440-22-4	Silver	0.87	U*	01/12/2025	1827
7440-23-5	Sodium	89	J	01/12/2025	1827
7440-28-0	Thallium	2.2	U	01/12/2025	1827
7440-62-2	Vanadium	17	*	01/12/2025	1827
7440-66-6	Zinc	320	*	01/12/2025	1827

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHNL4

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHN18

Matrix: SOIL Lab Sample ID: P5212-14

% Solids: 85.8 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	4900		01/12/2025	1831
7440-36-0	Antimony	0.51	J*	01/12/2025	1831
7440-38-2	Arsenic	12	*	01/12/2025	1831
7440-39-3	Barium	270	*	01/12/2025	1831
7440-41-7	Beryllium	0.23	J*	01/12/2025	1831
7440-43-9	Cadmium	2.9		01/12/2025	1831
7440-70-2	Calcium	13000		01/12/2025	1831
7440-47-3	Chromium	20	*	01/12/2025	1831
7440-48-4	Cobalt	6.4		01/12/2025	1831
7440-50-8	Copper	48	*	01/12/2025	1831
7439-89-6	Iron	37000	*	01/12/2025	1831
7439-92-1	Lead	360		01/12/2025	1831
7439-95-4	Magnesium	4900	*	01/12/2025	1831
7439-96-5	Manganese	490		01/12/2025	1831
7440-02-0	Nickel	20		01/12/2025	1831
7440-09-7	Potassium	340	J	01/12/2025	1831
7782-49-2	Selenium	7.3	*	01/12/2025	1831
7440-22-4	Silver	0.92	U*	01/12/2025	1831
7440-23-5	Sodium	130	J	01/12/2025	1831
7440-28-0	Thallium	2.3	U	01/12/2025	1831
7440-62-2	Vanadium	13	*	01/12/2025	1831
7440-66-6	Zinc	540	*	01/12/2025	1831

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHNL5

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHN18

Matrix: SOIL Lab Sample ID: P5212-15

% Solids: 79.7 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	5200		01/12/2025	1835
7440-36-0	Antimony	1.7	J*	01/12/2025	1835
7440-38-2	Arsenic	15	*	01/12/2025	1835
7440-39-3	Barium	310	*	01/12/2025	1835
7440-41-7	Beryllium	0.52	*	01/12/2025	1835
7440-43-9	Cadmium	2.3		01/12/2025	1835
7440-70-2	Calcium	9300		01/12/2025	1835
7440-47-3	Chromium	21	*	01/12/2025	1835
7440-48-4	Cobalt	7.8		01/12/2025	1835
7440-50-8	Copper	74	*	01/12/2025	1835
7439-89-6	Iron	17000	*	01/12/2025	1835
7439-92-1	Lead	590		01/12/2025	1835
7439-95-4	Magnesium	2300	*	01/12/2025	1835
7439-96-5	Manganese	640		01/12/2025	1835
7440-02-0	Nickel	19		01/12/2025	1835
7440-09-7	Potassium	450	J	01/12/2025	1835
7782-49-2	Selenium	3.5	J*	01/12/2025	1835
7440-22-4	Silver	1.0	U*	01/12/2025	1835
7440-23-5	Sodium	180	J	01/12/2025	1835
7440-28-0	Thallium	2.6	U	01/12/2025	1835
7440-62-2	Vanadium	16	*	01/12/2025	1835
7440-66-6	Zinc	550	*	01/12/2025	1835

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHNL6

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHN18

Matrix: SOIL Lab Sample ID: P5212-16

% 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	4800		01/12/2025	1839
7440-36-0	Antimony	5.6	U*	01/12/2025	1839
7440-38-2	Arsenic	4.0	*	01/12/2025	1839
7440-39-3	Barium	63	*	01/12/2025	1839
7440-41-7	Beryllium	0.37	J*	01/12/2025	1839
7440-43-9	Cadmium	0.51		01/12/2025	1839
7440-70-2	Calcium	59000		01/12/2025	1839
7440-47-3	Chromium	10	*	01/12/2025	1839
7440-48-4	Cobalt	7.8		01/12/2025	1839
7440-50-8	Copper	21	*	01/12/2025	1839
7439-89-6	Iron	12000	*	01/12/2025	1839
7439-92-1	Lead	30		01/12/2025	1839
7439-95-4	Magnesium	12000	*	01/12/2025	1839
7439-96-5	Manganese	1200		01/12/2025	1839
7440-02-0	Nickel	14		01/12/2025	1839
7440-09-7	Potassium	760		01/12/2025	1839
7782-49-2	Selenium	1.4	J*	01/12/2025	1839
7440-22-4	Silver	0.93	U*	01/12/2025	1839
7440-23-5	Sodium	130	J	01/12/2025	1839
7440-28-0	Thallium	2.3	U	01/12/2025	1839
7440-62-2	Vanadium	13	*	01/12/2025	1839
7440-66-6	Zinc	50	*	01/12/2025	1839

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHNL8

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHN18

Matrix: SOIL Lab Sample ID: P5212-20

% Solids: 88.8 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	4500		01/12/2025	1843
7440-36-0	Antimony	5.6	U*	01/12/2025	1843
7440-38-2	Arsenic	5.6	*	01/12/2025	1843
7440-39-3	Barium	79	*	01/12/2025	1843
7440-41-7	Beryllium	0.37	J*	01/12/2025	1843
7440-43-9	Cadmium	0.58		01/12/2025	1843
7440-70-2	Calcium	66000		01/12/2025	1843
7440-47-3	Chromium	11	*	01/12/2025	1843
7440-48-4	Cobalt	7.0		01/12/2025	1843
7440-50-8	Copper	21	*	01/12/2025	1843
7439-89-6	Iron	14000	*	01/12/2025	1843
7439-92-1	Lead	13		01/12/2025	1843
7439-95-4	Magnesium	10000	*	01/12/2025	1843
7439-96-5	Manganese	1400		01/12/2025	1843
7440-02-0	Nickel	14		01/12/2025	1843
7440-09-7	Potassium	790		01/12/2025	1843
7782-49-2	Selenium	1.8	J*	01/12/2025	1843
7440-22-4	Silver	0.93	U*	01/12/2025	1843
7440-23-5	Sodium	120	J	01/12/2025	1843
7440-28-0	Thallium	2.3	U	01/12/2025	1843
7440-62-2	Vanadium	12	*	01/12/2025	1843
7440-66-6	Zinc	52	*	01/12/2025	1843

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHNL9

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHN18

Matrix: SOIL Lab Sample ID: P5212-21

% Solids: 85.4 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	6100		01/12/2025	1847
7440-36-0	Antimony	5.1	U*	01/12/2025	1847
7440-38-2	Arsenic	11	*	01/12/2025	1847
7440-39-3	Barium	140	*	01/12/2025	1847
7440-41-7	Beryllium	0.50	*	01/12/2025	1847
7440-43-9	Cadmium	1.1		01/12/2025	1847
7440-70-2	Calcium	3600		01/12/2025	1847
7440-47-3	Chromium	11	*	01/12/2025	1847
7440-48-4	Cobalt	12		01/12/2025	1847
7440-50-8	Copper	21	*	01/12/2025	1847
7439-89-6	Iron	18000	*	01/12/2025	1847
7439-92-1	Lead	37		01/12/2025	1847
7439-95-4	Magnesium	1700	*	01/12/2025	1847
7439-96-5	Manganese	1200		01/12/2025	1847
7440-02-0	Nickel	17		01/12/2025	1847
7440-09-7	Potassium	470		01/12/2025	1847
7782-49-2	Selenium	3.6	*	01/12/2025	1847
7440-22-4	Silver	0.86	U*	01/12/2025	1847
7440-23-5	Sodium	80	J	01/12/2025	1847
7440-28-0	Thallium	2.1	U	01/12/2025	1847
7440-62-2	Vanadium	14	*	01/12/2025	1847
7440-66-6	Zinc	130	*	01/12/2025	1847

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHNM0

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHN18

Matrix: SOIL Lab Sample ID: P5212-22

% Solids: 76.2 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	6900		01/12/2025	1900
7440-36-0	Antimony	7.0	U*	01/12/2025	1900
7440-38-2	Arsenic	8.2	*	01/12/2025	1900
7440-39-3	Barium	170	*	01/12/2025	1900
7440-41-7	Beryllium	0.74	*	01/12/2025	1900
7440-43-9	Cadmium	1.3		01/12/2025	1900
7440-70-2	Calcium	4100		01/12/2025	1900
7440-47-3	Chromium	15	*	01/12/2025	1900
7440-48-4	Cobalt	9.3		01/12/2025	1900
7440-50-8	Copper	20	*	01/12/2025	1900
7439-89-6	Iron	15000	*	01/12/2025	1900
7439-92-1	Lead	42		01/12/2025	1900
7439-95-4	Magnesium	2000	*	01/12/2025	1900
7439-96-5	Manganese	2100		01/12/2025	1900
7440-02-0	Nickel	20		01/12/2025	1900
7440-09-7	Potassium	600		01/12/2025	1900
7782-49-2	Selenium	2.8	J*	01/12/2025	1900
7440-22-4	Silver	1.2	U*	01/12/2025	1900
7440-23-5	Sodium	590	U	01/12/2025	1900
7440-28-0	Thallium	2.9	U	01/12/2025	1900
7440-62-2	Vanadium	17	*	01/12/2025	1900
7440-66-6	Zinc	81	*	01/12/2025	1900

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

Comments: