

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHN53

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHN53

Matrix: SOIL Lab Sample ID: P5206-01

% Solids: 96.4 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	1700		01/12/2025	0748
7440-36-0	Antimony	4.7	U*	01/12/2025	0748
7440-38-2	Arsenic	7.5	*	01/12/2025	0748
7440-39-3	Barium	59		01/12/2025	0748
7440-41-7	Beryllium	0.26	J	01/12/2025	0748
7440-43-9	Cadmium	0.25	J	01/12/2025	0748
7440-70-2	Calcium	150000	D	01/12/2025	1912
7440-47-3	Chromium	3.6		01/12/2025	0748
7440-48-4	Cobalt	2.9	J	01/12/2025	0748
7440-50-8	Copper	12	*	01/12/2025	0748
7439-89-6	Iron	7900		01/12/2025	0748
7439-92-1	Lead	10		01/12/2025	0748
7439-95-4	Magnesium	67000	D	01/12/2025	1912
7439-96-5	Manganese	780		01/12/2025	0748
7440-02-0	Nickel	6.2		01/12/2025	0748
7440-09-7	Potassium	210	J	01/12/2025	0748
7782-49-2	Selenium	2.7	U*	01/12/2025	0748
7440-22-4	Silver	0.78	U*	01/12/2025	0748
7440-23-5	Sodium	100	J	01/12/2025	0748
7440-28-0	Thallium	2.0	U	01/12/2025	0748
7440-62-2	Vanadium	6.6		01/12/2025	0748
7440-66-6	Zinc	24	*	01/12/2025	0748

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

Comments:

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MBHN82

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHN53

Matrix: SOIL Lab Sample ID: P5206-02

% Solids: 70.9 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	6000		01/12/2025	0752
7440-36-0	Antimony	6.9	U*	01/12/2025	0752
7440-38-2	Arsenic	11	*	01/12/2025	0752
7440-39-3	Barium	160		01/12/2025	0752
7440-41-7	Beryllium	0.54	J	01/12/2025	0752
7440-43-9	Cadmium	1.6		01/12/2025	0752
7440-70-2	Calcium	7700		01/12/2025	0752
7440-47-3	Chromium	20		01/12/2025	0752
7440-48-4	Cobalt	10		01/12/2025	0752
7440-50-8	Copper	60	*	01/12/2025	0752
7439-89-6	Iron	17000		01/12/2025	0752
7439-92-1	Lead	400		01/12/2025	0752
7439-95-4	Magnesium	2900		01/12/2025	0752
7439-96-5	Manganese	950		01/12/2025	0752
7440-02-0	Nickel	26		01/12/2025	0752
7440-09-7	Potassium	910		01/12/2025	0752
7782-49-2	Selenium	3.7	J*	01/12/2025	0752
7440-22-4	Silver	1.2	U*	01/12/2025	0752
7440-23-5	Sodium	580	U	01/12/2025	0752
7440-28-0	Thallium	2.9	U	01/12/2025	0752
7440-62-2	Vanadium	18		01/12/2025	0752
7440-66-6	Zinc	380	*	01/12/2025	0752

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

Comments:

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MBHN83

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHN53

Matrix: SOIL Lab Sample ID: P5206-05

% Solids: 74 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	0816
7440-36-0	Antimony	7.7	U*	01/12/2025	0816
7440-38-2	Arsenic	10	*	01/12/2025	0816
7440-39-3	Barium	160		01/12/2025	0816
7440-41-7	Beryllium	0.45	J	01/12/2025	0816
7440-43-9	Cadmium	1.3		01/12/2025	0816
7440-70-2	Calcium	5700		01/12/2025	0816
7440-47-3	Chromium	17		01/12/2025	0816
7440-48-4	Cobalt	8.1		01/12/2025	0816
7440-50-8	Copper	56	*	01/12/2025	0816
7439-89-6	Iron	14000		01/12/2025	0816
7439-92-1	Lead	330		01/12/2025	0816
7439-95-4	Magnesium	2100		01/12/2025	0816
7439-96-5	Manganese	790		01/12/2025	0816
7440-02-0	Nickel	20		01/12/2025	0816
7440-09-7	Potassium	700		01/12/2025	0816
7782-49-2	Selenium	3.2	J*	01/12/2025	0816
7440-22-4	Silver	1.3	U*	01/12/2025	0816
7440-23-5	Sodium	640	U	01/12/2025	0816
7440-28-0	Thallium	3.2	U	01/12/2025	0816
7440-62-2	Vanadium	15		01/12/2025	0816
7440-66-6	Zinc	350	*	01/12/2025	0816

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

Comments:

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MBHN84

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHN53

Matrix: SOIL Lab Sample ID: P5206-06

% 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	5800		01/12/2025	0820
7440-36-0	Antimony	6.8	U*	01/12/2025	0820
7440-38-2	Arsenic	12	*	01/12/2025	0820
7440-39-3	Barium	160		01/12/2025	0820
7440-41-7	Beryllium	0.51	J	01/12/2025	0820
7440-43-9	Cadmium	1.5		01/12/2025	0820
7440-70-2	Calcium	12000		01/12/2025	0820
7440-47-3	Chromium	17		01/12/2025	0820
7440-48-4	Cobalt	9.2		01/12/2025	0820
7440-50-8	Copper	1400	*	01/12/2025	0820
7439-89-6	Iron	15000		01/12/2025	0820
7439-92-1	Lead	1100		01/12/2025	0820
7439-95-4	Magnesium	2800		01/12/2025	0820
7439-96-5	Manganese	980		01/12/2025	0820
7440-02-0	Nickel	23		01/12/2025	0820
7440-09-7	Potassium	820		01/12/2025	0820
7782-49-2	Selenium	3.0	J*	01/12/2025	0820
7440-22-4	Silver	1.1	U*	01/12/2025	0820
7440-23-5	Sodium	570	U	01/12/2025	0820
7440-28-0	Thallium	2.9	U	01/12/2025	0820
7440-62-2	Vanadium	16		01/12/2025	0820
7440-66-6	Zinc	360	*	01/12/2025	0820

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

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MBHN85

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHN53

Matrix: SOIL Lab Sample ID: P5206-07

% Solids: 82.6 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	0824
7440-36-0	Antimony	5.7	U*	01/12/2025	0824
7440-38-2	Arsenic	7.8	*	01/12/2025	0824
7440-39-3	Barium	59		01/12/2025	0824
7440-41-7	Beryllium	0.34	J	01/12/2025	0824
7440-43-9	Cadmium	0.78		01/12/2025	0824
7440-70-2	Calcium	43000		01/12/2025	0824
7440-47-3	Chromium	10		01/12/2025	0824
7440-48-4	Cobalt	8.5		01/12/2025	0824
7440-50-8	Copper	59	*	01/12/2025	0824
7439-89-6	Iron	14000		01/12/2025	0824
7439-92-1	Lead	86		01/12/2025	0824
7439-95-4	Magnesium	7000		01/12/2025	0824
7439-96-5	Manganese	830		01/12/2025	0824
7440-02-0	Nickel	18		01/12/2025	0824
7440-09-7	Potassium	880		01/12/2025	0824
7782-49-2	Selenium	2.0	J*	01/12/2025	0824
7440-22-4	Silver	0.95	U*	01/12/2025	0824
7440-23-5	Sodium	64	J	01/12/2025	0824
7440-28-0	Thallium	2.4	U	01/12/2025	0824
7440-62-2	Vanadium	12		01/12/2025	0824
7440-66-6	Zinc	110	*	01/12/2025	0824

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

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MBHN86

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHN53

Matrix: SOIL Lab Sample ID: P5206-08

% Solids: 85.3 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	4300		01/12/2025	0828
7440-36-0	Antimony	5.4	U*	01/12/2025	0828
7440-38-2	Arsenic	7.5	*	01/12/2025	0828
7440-39-3	Barium	46		01/12/2025	0828
7440-41-7	Beryllium	0.30	J	01/12/2025	0828
7440-43-9	Cadmium	0.64		01/12/2025	0828
7440-70-2	Calcium	52000		01/12/2025	0828
7440-47-3	Chromium	8.7		01/12/2025	0828
7440-48-4	Cobalt	7.5		01/12/2025	0828
7440-50-8	Copper	34	*	01/12/2025	0828
7439-89-6	Iron	13000		01/12/2025	0828
7439-92-1	Lead	62		01/12/2025	0828
7439-95-4	Magnesium	6800		01/12/2025	0828
7439-96-5	Manganese	660		01/12/2025	0828
7440-02-0	Nickel	14		01/12/2025	0828
7440-09-7	Potassium	810		01/12/2025	0828
7782-49-2	Selenium	1.9	J*	01/12/2025	0828
7440-22-4	Silver	0.90	U*	01/12/2025	0828
7440-23-5	Sodium	82	J	01/12/2025	0828
7440-28-0	Thallium	2.3	U	01/12/2025	0828
7440-62-2	Vanadium	9.9		01/12/2025	0828
7440-66-6	Zinc	100	*	01/12/2025	0828

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

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MBHN87

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHN53

Matrix: SOIL Lab Sample ID: P5206-09

% 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	4600		01/12/2025	0832
7440-36-0	Antimony	5.6	U*	01/12/2025	0832
7440-38-2	Arsenic	7.3	*	01/12/2025	0832
7440-39-3	Barium	47		01/12/2025	0832
7440-41-7	Beryllium	0.32	J	01/12/2025	0832
7440-43-9	Cadmium	0.63		01/12/2025	0832
7440-70-2	Calcium	50000		01/12/2025	0832
7440-47-3	Chromium	8.9		01/12/2025	0832
7440-48-4	Cobalt	8.4		01/12/2025	0832
7440-50-8	Copper	40	*	01/12/2025	0832
7439-89-6	Iron	14000		01/12/2025	0832
7439-92-1	Lead	65		01/12/2025	0832
7439-95-4	Magnesium	8100		01/12/2025	0832
7439-96-5	Manganese	720		01/12/2025	0832
7440-02-0	Nickel	15		01/12/2025	0832
7440-09-7	Potassium	900		01/12/2025	0832
7782-49-2	Selenium	2.2	J*	01/12/2025	0832
7440-22-4	Silver	0.93	U*	01/12/2025	0832
7440-23-5	Sodium	91	J	01/12/2025	0832
7440-28-0	Thallium	2.3	U	01/12/2025	0832
7440-62-2	Vanadium	11		01/12/2025	0832
7440-66-6	Zinc	87	*	01/12/2025	0832

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

Comments:

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MBHN88

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHN53

Matrix: SOIL Lab Sample ID: P5206-10

% Solids: 90.7 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	3900		01/12/2025	0836
7440-36-0	Antimony	6.0	U*	01/12/2025	0836
7440-38-2	Arsenic	6.4	*	01/12/2025	0836
7440-39-3	Barium	31		01/12/2025	0836
7440-41-7	Beryllium	0.26	J	01/12/2025	0836
7440-43-9	Cadmium	0.63		01/12/2025	0836
7440-70-2	Calcium	95000	D	01/12/2025	1916
7440-47-3	Chromium	8.0		01/12/2025	0836
7440-48-4	Cobalt	6.9		01/12/2025	0836
7440-50-8	Copper	31	*	01/12/2025	0836
7439-89-6	Iron	12000		01/12/2025	0836
7439-92-1	Lead	29		01/12/2025	0836
7439-95-4	Magnesium	25000		01/12/2025	0836
7439-96-5	Manganese	740		01/12/2025	0836
7440-02-0	Nickel	13		01/12/2025	0836
7440-09-7	Potassium	800		01/12/2025	0836
7782-49-2	Selenium	1.0	J*	01/12/2025	0836
7440-22-4	Silver	1.0	U*	01/12/2025	0836
7440-23-5	Sodium	93	J	01/12/2025	0836
7440-28-0	Thallium	2.5	U	01/12/2025	0836
7440-62-2	Vanadium	8.4		01/12/2025	0836
7440-66-6	Zinc	77	*	01/12/2025	0836

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

Comments:

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MBHNA1

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHN53

Matrix: SOIL Lab Sample ID: P5206-11

% 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	6100		01/12/2025	0840
7440-36-0	Antimony	6.6	U*	01/12/2025	0840
7440-38-2	Arsenic	15	*	01/12/2025	0840
7440-39-3	Barium	140		01/12/2025	0840
7440-41-7	Beryllium	0.52	J	01/12/2025	0840
7440-43-9	Cadmium	1.2		01/12/2025	0840
7440-70-2	Calcium	4200		01/12/2025	0840
7440-47-3	Chromium	27		01/12/2025	0840
7440-48-4	Cobalt	9.9		01/12/2025	0840
7440-50-8	Copper	44	*	01/12/2025	0840
7439-89-6	Iron	16000		01/12/2025	0840
7439-92-1	Lead	260		01/12/2025	0840
7439-95-4	Magnesium	1700		01/12/2025	0840
7439-96-5	Manganese	1000		01/12/2025	0840
7440-02-0	Nickel	23		01/12/2025	0840
7440-09-7	Potassium	940		01/12/2025	0840
7782-49-2	Selenium	3.2	J*	01/12/2025	0840
7440-22-4	Silver	1.1	U*	01/12/2025	0840
7440-23-5	Sodium	550	U	01/12/2025	0840
7440-28-0	Thallium	2.7	U	01/12/2025	0840
7440-62-2	Vanadium	16		01/12/2025	0840
7440-66-6	Zinc	230	*	01/12/2025	0840

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

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MBHNA2

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHN53

Matrix: SOIL Lab Sample ID: P5206-12

% Solids: 78.5 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	5800		01/12/2025	0844
7440-36-0	Antimony	5.6	U*	01/12/2025	0844
7440-38-2	Arsenic	14	*	01/12/2025	0844
7440-39-3	Barium	120		01/12/2025	0844
7440-41-7	Beryllium	0.50		01/12/2025	0844
7440-43-9	Cadmium	1.3		01/12/2025	0844
7440-70-2	Calcium	4200		01/12/2025	0844
7440-47-3	Chromium	26		01/12/2025	0844
7440-48-4	Cobalt	9.5		01/12/2025	0844
7440-50-8	Copper	43	*	01/12/2025	0844
7439-89-6	Iron	15000		01/12/2025	0844
7439-92-1	Lead	340		01/12/2025	0844
7439-95-4	Magnesium	1600		01/12/2025	0844
7439-96-5	Manganese	940		01/12/2025	0844
7440-02-0	Nickel	22		01/12/2025	0844
7440-09-7	Potassium	780		01/12/2025	0844
7782-49-2	Selenium	3.3	*	01/12/2025	0844
7440-22-4	Silver	0.93	U*	01/12/2025	0844
7440-23-5	Sodium	470	U	01/12/2025	0844
7440-28-0	Thallium	2.3	U	01/12/2025	0844
7440-62-2	Vanadium	16		01/12/2025	0844
7440-66-6	Zinc	210	*	01/12/2025	0844

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

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MBHNA3

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHN53

Matrix: SOIL Lab Sample ID: P5206-13

% Solids: 82.8 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	5400		01/12/2025	0848
7440-36-0	Antimony	5.3	U*	01/12/2025	0848
7440-38-2	Arsenic	11	*	01/12/2025	0848
7440-39-3	Barium	92		01/12/2025	0848
7440-41-7	Beryllium	0.46		01/12/2025	0848
7440-43-9	Cadmium	0.91		01/12/2025	0848
7440-70-2	Calcium	2300		01/12/2025	0848
7440-47-3	Chromium	13		01/12/2025	0848
7440-48-4	Cobalt	9.6		01/12/2025	0848
7440-50-8	Copper	28	*	01/12/2025	0848
7439-89-6	Iron	15000		01/12/2025	0848
7439-92-1	Lead	110		01/12/2025	0848
7439-95-4	Magnesium	1400		01/12/2025	0848
7439-96-5	Manganese	920		01/12/2025	0848
7440-02-0	Nickel	17		01/12/2025	0848
7440-09-7	Potassium	530		01/12/2025	0848
7782-49-2	Selenium	2.8	J*	01/12/2025	0848
7440-22-4	Silver	0.88	U*	01/12/2025	0848
7440-23-5	Sodium	440	U	01/12/2025	0848
7440-28-0	Thallium	2.2	U	01/12/2025	0848
7440-62-2	Vanadium	14		01/12/2025	0848
7440-66-6	Zinc	110	*	01/12/2025	0848

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHNA4

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHN53

Matrix: SOIL Lab Sample ID: P5206-14

% Solids: 86.1 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	6800		01/12/2025	0852
7440-36-0	Antimony	5.9	U*	01/12/2025	0852
7440-38-2	Arsenic	16	*	01/12/2025	0852
7440-39-3	Barium	130		01/12/2025	0852
7440-41-7	Beryllium	0.58		01/12/2025	0852
7440-43-9	Cadmium	1.2		01/12/2025	0852
7440-70-2	Calcium	3400		01/12/2025	0852
7440-47-3	Chromium	20		01/12/2025	0852
7440-48-4	Cobalt	12		01/12/2025	0852
7440-50-8	Copper	42	*	01/12/2025	0852
7439-89-6	Iron	17000		01/12/2025	0852
7439-92-1	Lead	220		01/12/2025	0852
7439-95-4	Magnesium	1700		01/12/2025	0852
7439-96-5	Manganese	1200		01/12/2025	0852
7440-02-0	Nickel	21		01/12/2025	0852
7440-09-7	Potassium	850		01/12/2025	0852
7782-49-2	Selenium	3.7	*	01/12/2025	0852
7440-22-4	Silver	0.98	U*	01/12/2025	0852
7440-23-5	Sodium	490	U	01/12/2025	0852
7440-28-0	Thallium	2.5	U	01/12/2025	0852
7440-62-2	Vanadium	17		01/12/2025	0852
7440-66-6	Zinc	180	*	01/12/2025	0852

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHNA5

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHN53

Matrix: SOIL Lab Sample ID: P5206-15

% Solids: 89.2 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	5600		01/12/2025	0856
7440-36-0	Antimony	5.3	U*	01/12/2025	0856
7440-38-2	Arsenic	9.8	*	01/12/2025	0856
7440-39-3	Barium	79		01/12/2025	0856
7440-41-7	Beryllium	0.45		01/12/2025	0856
7440-43-9	Cadmium	0.94		01/12/2025	0856
7440-70-2	Calcium	1800		01/12/2025	0856
7440-47-3	Chromium	11		01/12/2025	0856
7440-48-4	Cobalt	11		01/12/2025	0856
7440-50-8	Copper	27	*	01/12/2025	0856
7439-89-6	Iron	16000		01/12/2025	0856
7439-92-1	Lead	56		01/12/2025	0856
7439-95-4	Magnesium	1800		01/12/2025	0856
7439-96-5	Manganese	1300		01/12/2025	0856
7440-02-0	Nickel	19		01/12/2025	0856
7440-09-7	Potassium	580		01/12/2025	0856
7782-49-2	Selenium	3.0	J*	01/12/2025	0856
7440-22-4	Silver	0.88	U*	01/12/2025	0856
7440-23-5	Sodium	440	U	01/12/2025	0856
7440-28-0	Thallium	2.2	U	01/12/2025	0856
7440-62-2	Vanadium	14		01/12/2025	0856
7440-66-6	Zinc	80	*	01/12/2025	0856

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHNA6

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHN53

Matrix: SOIL Lab Sample ID: P5206-16

% Solids: 93.7 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	4400		01/12/2025	0900
7440-36-0	Antimony	5.2	U*	01/12/2025	0900
7440-38-2	Arsenic	12	*	01/12/2025	0900
7440-39-3	Barium	60		01/12/2025	0900
7440-41-7	Beryllium	0.40	J	01/12/2025	0900
7440-43-9	Cadmium	0.83		01/12/2025	0900
7440-70-2	Calcium	21000		01/12/2025	0900
7440-47-3	Chromium	9.6		01/12/2025	0900
7440-48-4	Cobalt	8.9		01/12/2025	0900
7440-50-8	Copper	15	*	01/12/2025	0900
7439-89-6	Iron	12000		01/12/2025	0900
7439-92-1	Lead	31		01/12/2025	0900
7439-95-4	Magnesium	1900		01/12/2025	0900
7439-96-5	Manganese	1600		01/12/2025	0900
7440-02-0	Nickel	16		01/12/2025	0900
7440-09-7	Potassium	740		01/12/2025	0900
7782-49-2	Selenium	1.9	J*	01/12/2025	0900
7440-22-4	Silver	0.87	U*	01/12/2025	0900
7440-23-5	Sodium	430	U	01/12/2025	0900
7440-28-0	Thallium	2.2	U	01/12/2025	0900
7440-62-2	Vanadium	9.1		01/12/2025	0900
7440-66-6	Zinc	55	*	01/12/2025	0900

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHNA7

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHN53

Matrix: SOIL Lab Sample ID: P5206-17

% Solids: 93 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	4300		01/12/2025	0904
7440-36-0	Antimony	5.2	U*	01/12/2025	0904
7440-38-2	Arsenic	7.6	*	01/12/2025	0904
7440-39-3	Barium	81		01/12/2025	0904
7440-41-7	Beryllium	0.40	J	01/12/2025	0904
7440-43-9	Cadmium	0.91		01/12/2025	0904
7440-70-2	Calcium	64000		01/12/2025	0904
7440-47-3	Chromium	8.6		01/12/2025	0904
7440-48-4	Cobalt	9.2		01/12/2025	0904
7440-50-8	Copper	36	*	01/12/2025	0904
7439-89-6	Iron	13000		01/12/2025	0904
7439-92-1	Lead	24		01/12/2025	0904
7439-95-4	Magnesium	4400		01/12/2025	0904
7439-96-5	Manganese	2000		01/12/2025	0904
7440-02-0	Nickel	17		01/12/2025	0904
7440-09-7	Potassium	670		01/12/2025	0904
7782-49-2	Selenium	1.4	J*	01/12/2025	0904
7440-22-4	Silver	0.86	U*	01/12/2025	0904
7440-23-5	Sodium	59	J	01/12/2025	0904
7440-28-0	Thallium	2.2	U	01/12/2025	0904
7440-62-2	Vanadium	9.0		01/12/2025	0904
7440-66-6	Zinc	66	*	01/12/2025	0904

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHNJ9

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHN53

Matrix: SOIL Lab Sample ID: P5206-18

% Solids: 90.4 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	4800		01/12/2025	0908
7440-36-0	Antimony	5.3	U*	01/12/2025	0908
7440-38-2	Arsenic	6.3	*	01/12/2025	0908
7440-39-3	Barium	80		01/12/2025	0908
7440-41-7	Beryllium	0.33	J	01/12/2025	0908
7440-43-9	Cadmium	0.82		01/12/2025	0908
7440-70-2	Calcium	7300		01/12/2025	0908
7440-47-3	Chromium	11		01/12/2025	0908
7440-48-4	Cobalt	8.5		01/12/2025	0908
7440-50-8	Copper	31	*	01/12/2025	0908
7439-89-6	Iron	14000		01/12/2025	0908
7439-92-1	Lead	25		01/12/2025	0908
7439-95-4	Magnesium	3300		01/12/2025	0908
7439-96-5	Manganese	930		01/12/2025	0908
7440-02-0	Nickel	20		01/12/2025	0908
7440-09-7	Potassium	600		01/12/2025	0908
7782-49-2	Selenium	2.4	J*	01/12/2025	0908
7440-22-4	Silver	0.89	U*	01/12/2025	0908
7440-23-5	Sodium	93	J	01/12/2025	0908
7440-28-0	Thallium	2.2	U	01/12/2025	0908
7440-62-2	Vanadium	11		01/12/2025	0908
7440-66-6	Zinc	110	*	01/12/2025	0908

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHNNK0

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHN53

Matrix: SOIL Lab Sample ID: P5206-19

% Solids: 76.3 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	6200		01/12/2025	0912
7440-36-0	Antimony	7.4	U*	01/12/2025	0912
7440-38-2	Arsenic	16	*	01/12/2025	0912
7440-39-3	Barium	140		01/12/2025	0912
7440-41-7	Beryllium	0.55	J	01/12/2025	0912
7440-43-9	Cadmium	1.3		01/12/2025	0912
7440-70-2	Calcium	4300		01/12/2025	0912
7440-47-3	Chromium	28		01/12/2025	0912
7440-48-4	Cobalt	12		01/12/2025	0912
7440-50-8	Copper	45	*	01/12/2025	0912
7439-89-6	Iron	17000		01/12/2025	0912
7439-92-1	Lead	270		01/12/2025	0912
7439-95-4	Magnesium	1700		01/12/2025	0912
7439-96-5	Manganese	1100		01/12/2025	0912
7440-02-0	Nickel	22		01/12/2025	0912
7440-09-7	Potassium	990		01/12/2025	0912
7782-49-2	Selenium	3.6	J*	01/12/2025	0912
7440-22-4	Silver	1.2	U*	01/12/2025	0912
7440-23-5	Sodium	120	J	01/12/2025	0912
7440-28-0	Thallium	3.1	U	01/12/2025	0912
7440-62-2	Vanadium	17		01/12/2025	0912
7440-66-6	Zinc	230	*	01/12/2025	0912

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

Comments: