

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHNE9

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHNE9

Matrix: SOIL Lab Sample ID: P5202-01

% Solids: 80.4 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	6900		01/09/2025	2058
7440-36-0	Antimony	3.4	J	01/09/2025	2058
7440-38-2	Arsenic	9.5		01/09/2025	2058
7440-39-3	Barium	56		01/09/2025	2058
7440-41-7	Beryllium	0.63		01/09/2025	2058
7440-43-9	Cadmium	0.24	J	01/09/2025	2058
7440-70-2	Calcium	26000		01/09/2025	2058
7440-47-3	Chromium	9.0		01/09/2025	2058
7440-48-4	Cobalt	6.5	*	01/09/2025	2058
7440-50-8	Copper	39		01/09/2025	2058
7439-89-6	Iron	17000		01/09/2025	2058
7439-92-1	Lead	26		01/09/2025	2058
7439-95-4	Magnesium	5400		01/09/2025	2058
7439-96-5	Manganese	820		01/09/2025	2058
7440-02-0	Nickel	16		01/09/2025	2058
7440-09-7	Potassium	520		01/09/2025	2058
7782-49-2	Selenium	5.6		01/09/2025	2058
7440-22-4	Silver	0.49	J*	01/09/2025	2058
7440-23-5	Sodium	500	U	01/09/2025	2058
7440-28-0	Thallium	2.5	U	01/09/2025	2058
7440-62-2	Vanadium	16		01/09/2025	2058
7440-66-6	Zinc	27	*	01/09/2025	2058

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

Comments:

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MBHNF7

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHNE9

Matrix: SOIL Lab Sample ID: P5202-02

% 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	7100		01/09/2025	2109
7440-36-0	Antimony	2.3	J	01/09/2025	2109
7440-38-2	Arsenic	10		01/09/2025	2109
7440-39-3	Barium	83		01/09/2025	2109
7440-41-7	Beryllium	0.50	J	01/09/2025	2109
7440-43-9	Cadmium	0.39	J	01/09/2025	2109
7440-70-2	Calcium	14000		01/09/2025	2109
7440-47-3	Chromium	12		01/09/2025	2109
7440-48-4	Cobalt	4.1	J*	01/09/2025	2109
7440-50-8	Copper	27		01/09/2025	2109
7439-89-6	Iron	13000		01/09/2025	2109
7439-92-1	Lead	87		01/09/2025	2109
7439-95-4	Magnesium	4700		01/09/2025	2109
7439-96-5	Manganese	620		01/09/2025	2109
7440-02-0	Nickel	15		01/09/2025	2109
7440-09-7	Potassium	680		01/09/2025	2109
7782-49-2	Selenium	5.1		01/09/2025	2109
7440-22-4	Silver	0.42	J*	01/09/2025	2109
7440-23-5	Sodium	600	U	01/09/2025	2109
7440-28-0	Thallium	3.0	U	01/09/2025	2109
7440-62-2	Vanadium	16		01/09/2025	2109
7440-66-6	Zinc	100	*	01/09/2025	2109

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

Comments:

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MBHNF8

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHNE9

Matrix: SOIL Lab Sample ID: P5202-03

% Solids: 80 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		01/09/2025	2113
7440-36-0	Antimony	2.6	J	01/09/2025	2113
7440-38-2	Arsenic	9.9		01/09/2025	2113
7440-39-3	Barium	77		01/09/2025	2113
7440-41-7	Beryllium	0.51	J	01/09/2025	2113
7440-43-9	Cadmium	0.36	J	01/09/2025	2113
7440-70-2	Calcium	16000		01/09/2025	2113
7440-47-3	Chromium	11		01/09/2025	2113
7440-48-4	Cobalt	4.0	J*	01/09/2025	2113
7440-50-8	Copper	28		01/09/2025	2113
7439-89-6	Iron	14000		01/09/2025	2113
7439-92-1	Lead	82		01/09/2025	2113
7439-95-4	Magnesium	4600		01/09/2025	2113
7439-96-5	Manganese	600		01/09/2025	2113
7440-02-0	Nickel	15		01/09/2025	2113
7440-09-7	Potassium	520	J	01/09/2025	2113
7782-49-2	Selenium	3.8	J	01/09/2025	2113
7440-22-4	Silver	0.38	J*	01/09/2025	2113
7440-23-5	Sodium	560	U	01/09/2025	2113
7440-28-0	Thallium	2.8	U	01/09/2025	2113
7440-62-2	Vanadium	16		01/09/2025	2113
7440-66-6	Zinc	97	*	01/09/2025	2113

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

Comments:

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MBHNF9

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHNE9

Matrix: SOIL Lab Sample ID: P5202-04

% Solids: 85.6 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	6400		01/09/2025	2117
7440-36-0	Antimony	3.2	J	01/09/2025	2117
7440-38-2	Arsenic	13		01/09/2025	2117
7440-39-3	Barium	110		01/09/2025	2117
7440-41-7	Beryllium	0.54		01/09/2025	2117
7440-43-9	Cadmium	0.44	J	01/09/2025	2117
7440-70-2	Calcium	34000		01/09/2025	2117
7440-47-3	Chromium	11		01/09/2025	2117
7440-48-4	Cobalt	5.9	*	01/09/2025	2117
7440-50-8	Copper	32		01/09/2025	2117
7439-89-6	Iron	15000		01/09/2025	2117
7439-92-1	Lead	80		01/09/2025	2117
7439-95-4	Magnesium	8600		01/09/2025	2117
7439-96-5	Manganese	990		01/09/2025	2117
7440-02-0	Nickel	16		01/09/2025	2117
7440-09-7	Potassium	700		01/09/2025	2117
7782-49-2	Selenium	4.4		01/09/2025	2117
7440-22-4	Silver	0.63	J*	01/09/2025	2117
7440-23-5	Sodium	500	U	01/09/2025	2117
7440-28-0	Thallium	2.5	U	01/09/2025	2117
7440-62-2	Vanadium	16		01/09/2025	2117
7440-66-6	Zinc	83	*	01/09/2025	2117

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

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MBHNG0

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHNE9

Matrix: SOIL Lab Sample ID: P5202-05

% Solids: 87.7 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	6200		01/09/2025	2121
7440-36-0	Antimony	2.9	J	01/09/2025	2121
7440-38-2	Arsenic	14		01/09/2025	2121
7440-39-3	Barium	96		01/09/2025	2121
7440-41-7	Beryllium	0.59		01/09/2025	2121
7440-43-9	Cadmium	0.47	J	01/09/2025	2121
7440-70-2	Calcium	30000		01/09/2025	2121
7440-47-3	Chromium	11		01/09/2025	2121
7440-48-4	Cobalt	6.3	*	01/09/2025	2121
7440-50-8	Copper	89		01/09/2025	2121
7439-89-6	Iron	16000		01/09/2025	2121
7439-92-1	Lead	110		01/09/2025	2121
7439-95-4	Magnesium	6600		01/09/2025	2121
7439-96-5	Manganese	840		01/09/2025	2121
7440-02-0	Nickel	29		01/09/2025	2121
7440-09-7	Potassium	700		01/09/2025	2121
7782-49-2	Selenium	4.9		01/09/2025	2121
7440-22-4	Silver	0.85	J*	01/09/2025	2121
7440-23-5	Sodium	120	J	01/09/2025	2121
7440-28-0	Thallium	2.4	U	01/09/2025	2121
7440-62-2	Vanadium	15		01/09/2025	2121
7440-66-6	Zinc	80	*	01/09/2025	2121

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

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MBHNG1

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHNE9

Matrix: SOIL Lab Sample ID: P5202-06

% 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	5800		01/09/2025	2124
7440-36-0	Antimony	3.3	J	01/09/2025	2124
7440-38-2	Arsenic	17		01/09/2025	2124
7440-39-3	Barium	170		01/09/2025	2124
7440-41-7	Beryllium	0.75		01/09/2025	2124
7440-43-9	Cadmium	0.56		01/09/2025	2124
7440-70-2	Calcium	17000		01/09/2025	2124
7440-47-3	Chromium	9.8		01/09/2025	2124
7440-48-4	Cobalt	7.4	*	01/09/2025	2124
7440-50-8	Copper	37		01/09/2025	2124
7439-89-6	Iron	17000		01/09/2025	2124
7439-92-1	Lead	230		01/09/2025	2124
7439-95-4	Magnesium	4100		01/09/2025	2124
7439-96-5	Manganese	1300		01/09/2025	2124
7440-02-0	Nickel	16		01/09/2025	2124
7440-09-7	Potassium	840		01/09/2025	2124
7782-49-2	Selenium	7.7		01/09/2025	2124
7440-22-4	Silver	0.79	J*	01/09/2025	2124
7440-23-5	Sodium	100	J	01/09/2025	2124
7440-28-0	Thallium	2.4	U	01/09/2025	2124
7440-62-2	Vanadium	16		01/09/2025	2124
7440-66-6	Zinc	110	*	01/09/2025	2124

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

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MBHNG2

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHNE9

Matrix: SOIL Lab Sample ID: P5202-07

% Solids: 86.6 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		01/09/2025	2128
7440-36-0	Antimony	3.1	J	01/09/2025	2128
7440-38-2	Arsenic	13		01/09/2025	2128
7440-39-3	Barium	89		01/09/2025	2128
7440-41-7	Beryllium	0.50		01/09/2025	2128
7440-43-9	Cadmium	0.32	J	01/09/2025	2128
7440-70-2	Calcium	23000		01/09/2025	2128
7440-47-3	Chromium	9.2		01/09/2025	2128
7440-48-4	Cobalt	5.5	*	01/09/2025	2128
7440-50-8	Copper	26		01/09/2025	2128
7439-89-6	Iron	15000		01/09/2025	2128
7439-92-1	Lead	55		01/09/2025	2128
7439-95-4	Magnesium	4800		01/09/2025	2128
7439-96-5	Manganese	870		01/09/2025	2128
7440-02-0	Nickel	14		01/09/2025	2128
7440-09-7	Potassium	610		01/09/2025	2128
7782-49-2	Selenium	5.2		01/09/2025	2128
7440-22-4	Silver	0.56	J*	01/09/2025	2128
7440-23-5	Sodium	97	J	01/09/2025	2128
7440-28-0	Thallium	2.3	U	01/09/2025	2128
7440-62-2	Vanadium	16		01/09/2025	2128
7440-66-6	Zinc	56	*	01/09/2025	2128

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

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MBHNG3

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHNE9

Matrix: SOIL Lab Sample ID: P5202-08

% Solids: 89 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		01/09/2025	2132
7440-36-0	Antimony	3.0	J	01/09/2025	2132
7440-38-2	Arsenic	13		01/09/2025	2132
7440-39-3	Barium	65		01/09/2025	2132
7440-41-7	Beryllium	0.49		01/09/2025	2132
7440-43-9	Cadmium	0.25	J	01/09/2025	2132
7440-70-2	Calcium	25000		01/09/2025	2132
7440-47-3	Chromium	9.0		01/09/2025	2132
7440-48-4	Cobalt	5.4	*	01/09/2025	2132
7440-50-8	Copper	44		01/09/2025	2132
7439-89-6	Iron	16000		01/09/2025	2132
7439-92-1	Lead	34		01/09/2025	2132
7439-95-4	Magnesium	6500		01/09/2025	2132
7439-96-5	Manganese	990		01/09/2025	2132
7440-02-0	Nickel	16		01/09/2025	2132
7440-09-7	Potassium	780		01/09/2025	2132
7782-49-2	Selenium	5.8		01/09/2025	2132
7440-22-4	Silver	0.64	J*	01/09/2025	2132
7440-23-5	Sodium	98	J	01/09/2025	2132
7440-28-0	Thallium	2.4	U	01/09/2025	2132
7440-62-2	Vanadium	15		01/09/2025	2132
7440-66-6	Zinc	40	*	01/09/2025	2132

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

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MBHNG4

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHNE9

Matrix: SOIL Lab Sample ID: P5202-09

% Solids: 78.9 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	5400		01/09/2025	2136
7440-36-0	Antimony	3.4	J	01/09/2025	2136
7440-38-2	Arsenic	11		01/09/2025	2136
7440-39-3	Barium	150		01/09/2025	2136
7440-41-7	Beryllium	0.53		01/09/2025	2136
7440-43-9	Cadmium	1.1		01/09/2025	2136
7440-70-2	Calcium	43000		01/09/2025	2136
7440-47-3	Chromium	15		01/09/2025	2136
7440-48-4	Cobalt	5.0	*	01/09/2025	2136
7440-50-8	Copper	47		01/09/2025	2136
7439-89-6	Iron	16000		01/09/2025	2136
7439-92-1	Lead	310		01/09/2025	2136
7439-95-4	Magnesium	7900		01/09/2025	2136
7439-96-5	Manganese	820		01/09/2025	2136
7440-02-0	Nickel	21		01/09/2025	2136
7440-09-7	Potassium	720		01/09/2025	2136
7782-49-2	Selenium	5.4		01/09/2025	2136
7440-22-4	Silver	0.73	J*	01/09/2025	2136
7440-23-5	Sodium	110	J	01/09/2025	2136
7440-28-0	Thallium	2.3	U	01/09/2025	2136
7440-62-2	Vanadium	15		01/09/2025	2136
7440-66-6	Zinc	230	*	01/09/2025	2136

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

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MBHNG5

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHNE9

Matrix: SOIL Lab Sample ID: P5202-10

% Solids: 80.4 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	4700		01/09/2025	1800
7440-36-0	Antimony	3.0	J	01/09/2025	1800
7440-38-2	Arsenic	9.7		01/09/2025	1800
7440-39-3	Barium	190		01/09/2025	1800
7440-41-7	Beryllium	0.51	J	01/09/2025	1800
7440-43-9	Cadmium	1.5		01/09/2025	1800
7440-70-2	Calcium	120000	D	01/10/2025	1552
7440-47-3	Chromium	17		01/09/2025	1800
7440-48-4	Cobalt	6.8	*	01/09/2025	1800
7440-50-8	Copper	44		01/09/2025	1800
7439-89-6	Iron	15000		01/09/2025	1800
7439-92-1	Lead	340		01/09/2025	1800
7439-95-4	Magnesium	15000		01/09/2025	1800
7439-96-5	Manganese	990		01/09/2025	1800
7440-02-0	Nickel	21		01/09/2025	1800
7440-09-7	Potassium	550		01/09/2025	1800
7782-49-2	Selenium	2.0	J	01/09/2025	1800
7440-22-4	Silver	0.60	J*	01/09/2025	1800
7440-23-5	Sodium	170	J	01/09/2025	1800
7440-28-0	Thallium	0.97	J	01/09/2025	1800
7440-62-2	Vanadium	13		01/09/2025	1800
7440-66-6	Zinc	300	*	01/09/2025	1800

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

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MBHNG6

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHNE9

Matrix: SOIL Lab Sample ID: P5202-13

% Solids: 82.1 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	5200		01/09/2025	2139
7440-36-0	Antimony	4.2	J	01/09/2025	2139
7440-38-2	Arsenic	13		01/09/2025	2139
7440-39-3	Barium	190		01/09/2025	2139
7440-41-7	Beryllium	0.63		01/09/2025	2139
7440-43-9	Cadmium	1.2		01/09/2025	2139
7440-70-2	Calcium	43000		01/09/2025	2139
7440-47-3	Chromium	13		01/09/2025	2139
7440-48-4	Cobalt	5.3	*	01/09/2025	2139
7440-50-8	Copper	52		01/09/2025	2139
7439-89-6	Iron	17000		01/09/2025	2139
7439-92-1	Lead	360		01/09/2025	2139
7439-95-4	Magnesium	8100		01/09/2025	2139
7439-96-5	Manganese	850		01/09/2025	2139
7440-02-0	Nickel	20		01/09/2025	2139
7440-09-7	Potassium	650		01/09/2025	2139
7782-49-2	Selenium	5.4		01/09/2025	2139
7440-22-4	Silver	0.84	J*	01/09/2025	2139
7440-23-5	Sodium	130	J	01/09/2025	2139
7440-28-0	Thallium	2.4	U	01/09/2025	2139
7440-62-2	Vanadium	15		01/09/2025	2139
7440-66-6	Zinc	230	*	01/09/2025	2139

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHNG7

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHNE9

Matrix: SOIL Lab Sample ID: P5202-14

% Solids: 85.9 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	4800		01/09/2025	2143
7440-36-0	Antimony	3.3	J	01/09/2025	2143
7440-38-2	Arsenic	9.5		01/09/2025	2143
7440-39-3	Barium	100		01/09/2025	2143
7440-41-7	Beryllium	0.57		01/09/2025	2143
7440-43-9	Cadmium	0.46	J	01/09/2025	2143
7440-70-2	Calcium	55000		01/09/2025	2143
7440-47-3	Chromium	8.8		01/09/2025	2143
7440-48-4	Cobalt	4.6	J*	01/09/2025	2143
7440-50-8	Copper	38		01/09/2025	2143
7439-89-6	Iron	16000		01/09/2025	2143
7439-92-1	Lead	170		01/09/2025	2143
7439-95-4	Magnesium	9600		01/09/2025	2143
7439-96-5	Manganese	600		01/09/2025	2143
7440-02-0	Nickel	14		01/09/2025	2143
7440-09-7	Potassium	670		01/09/2025	2143
7782-49-2	Selenium	4.0		01/09/2025	2143
7440-22-4	Silver	0.59	J*	01/09/2025	2143
7440-23-5	Sodium	130	J	01/09/2025	2143
7440-28-0	Thallium	2.4	U	01/09/2025	2143
7440-62-2	Vanadium	13		01/09/2025	2143
7440-66-6	Zinc	100	*	01/09/2025	2143

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHNG8

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHNE9
 Matrix: SOIL Lab Sample ID: P5202-15
 % Solids: 85.1 Date Received: 12/07/2024

Analytical Method: ICP_AESConcentration 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		01/09/2025	2147
7440-36-0	Antimony	2.8	J	01/09/2025	2147
7440-38-2	Arsenic	9.0		01/09/2025	2147
7440-39-3	Barium	84		01/09/2025	2147
7440-41-7	Beryllium	0.58		01/09/2025	2147
7440-43-9	Cadmium	0.36	J	01/09/2025	2147
7440-70-2	Calcium	57000		01/09/2025	2147
7440-47-3	Chromium	8.2		01/09/2025	2147
7440-48-4	Cobalt	5.2	*	01/09/2025	2147
7440-50-8	Copper	20		01/09/2025	2147
7439-89-6	Iron	16000		01/09/2025	2147
7439-92-1	Lead	81		01/09/2025	2147
7439-95-4	Magnesium	11000		01/09/2025	2147
7439-96-5	Manganese	780		01/09/2025	2147
7440-02-0	Nickel	15		01/09/2025	2147
7440-09-7	Potassium	740		01/09/2025	2147
7782-49-2	Selenium	5.2		01/09/2025	2147
7440-22-4	Silver	0.62	J*	01/09/2025	2147
7440-23-5	Sodium	110	J	01/09/2025	2147
7440-28-0	Thallium	2.1	U	01/09/2025	2147
7440-62-2	Vanadium	12		01/09/2025	2147
7440-66-6	Zinc	54	*	01/09/2025	2147

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHNG9

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHNE9

Matrix: SOIL Lab Sample ID: P5202-16

% Solids: 81.2 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		01/09/2025	2151
7440-36-0	Antimony	3.0	J	01/09/2025	2151
7440-38-2	Arsenic	12		01/09/2025	2151
7440-39-3	Barium	130		01/09/2025	2151
7440-41-7	Beryllium	0.56		01/09/2025	2151
7440-43-9	Cadmium	0.45	J	01/09/2025	2151
7440-70-2	Calcium	42000		01/09/2025	2151
7440-47-3	Chromium	11		01/09/2025	2151
7440-48-4	Cobalt	5.9	*	01/09/2025	2151
7440-50-8	Copper	39		01/09/2025	2151
7439-89-6	Iron	15000		01/09/2025	2151
7439-92-1	Lead	420		01/09/2025	2151
7439-95-4	Magnesium	6700		01/09/2025	2151
7439-96-5	Manganese	1000		01/09/2025	2151
7440-02-0	Nickel	16		01/09/2025	2151
7440-09-7	Potassium	810		01/09/2025	2151
7782-49-2	Selenium	3.7		01/09/2025	2151
7440-22-4	Silver	0.62	J*	01/09/2025	2151
7440-23-5	Sodium	140	J	01/09/2025	2151
7440-28-0	Thallium	2.6	U	01/09/2025	2151
7440-62-2	Vanadium	15		01/09/2025	2151
7440-66-6	Zinc	150	*	01/09/2025	2151

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHNNH0

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHNE9

Matrix: SOIL Lab Sample ID: P5202-17

% Solids: 81.7 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		01/09/2025	2154
7440-36-0	Antimony	3.6	J	01/09/2025	2154
7440-38-2	Arsenic	9.8		01/09/2025	2154
7440-39-3	Barium	120		01/09/2025	2154
7440-41-7	Beryllium	0.59		01/09/2025	2154
7440-43-9	Cadmium	0.34	J	01/09/2025	2154
7440-70-2	Calcium	44000		01/09/2025	2154
7440-47-3	Chromium	8.3		01/09/2025	2154
7440-48-4	Cobalt	4.6	*	01/09/2025	2154
7440-50-8	Copper	57		01/09/2025	2154
7439-89-6	Iron	18000		01/09/2025	2154
7439-92-1	Lead	290		01/09/2025	2154
7439-95-4	Magnesium	6300		01/09/2025	2154
7439-96-5	Manganese	880		01/09/2025	2154
7440-02-0	Nickel	14		01/09/2025	2154
7440-09-7	Potassium	810		01/09/2025	2154
7782-49-2	Selenium	6.1		01/09/2025	2154
7440-22-4	Silver	0.64	J*	01/09/2025	2154
7440-23-5	Sodium	140	J	01/09/2025	2154
7440-28-0	Thallium	2.2	U	01/09/2025	2154
7440-62-2	Vanadium	14		01/09/2025	2154
7440-66-6	Zinc	100	*	01/09/2025	2154

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHNNJ5

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHNE9

Matrix: SOIL Lab Sample ID: P5202-18

% Solids: 77.4 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	6400		01/09/2025	2158
7440-36-0	Antimony	4.6	J	01/09/2025	2158
7440-38-2	Arsenic	19		01/09/2025	2158
7440-39-3	Barium	150		01/09/2025	2158
7440-41-7	Beryllium	0.63		01/09/2025	2158
7440-43-9	Cadmium	0.67		01/09/2025	2158
7440-70-2	Calcium	13000		01/09/2025	2158
7440-47-3	Chromium	18		01/09/2025	2158
7440-48-4	Cobalt	3.4	J*	01/09/2025	2158
7440-50-8	Copper	33		01/09/2025	2158
7439-89-6	Iron	19000		01/09/2025	2158
7439-92-1	Lead	230		01/09/2025	2158
7439-95-4	Magnesium	3300		01/09/2025	2158
7439-96-5	Manganese	810		01/09/2025	2158
7440-02-0	Nickel	17		01/09/2025	2158
7440-09-7	Potassium	930		01/09/2025	2158
7782-49-2	Selenium	8.7		01/09/2025	2158
7440-22-4	Silver	0.84	J*	01/09/2025	2158
7440-23-5	Sodium	460	U	01/09/2025	2158
7440-28-0	Thallium	2.3	U	01/09/2025	2158
7440-62-2	Vanadium	14		01/09/2025	2158
7440-66-6	Zinc	130	*	01/09/2025	2158

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHNNJ6

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHNE9

Matrix: SOIL Lab Sample ID: P5202-19

% 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	6500		01/09/2025	2202
7440-36-0	Antimony	4.5	J	01/09/2025	2202
7440-38-2	Arsenic	21		01/09/2025	2202
7440-39-3	Barium	170		01/09/2025	2202
7440-41-7	Beryllium	0.70		01/09/2025	2202
7440-43-9	Cadmium	0.56		01/09/2025	2202
7440-70-2	Calcium	14000		01/09/2025	2202
7440-47-3	Chromium	10		01/09/2025	2202
7440-48-4	Cobalt	5.0	*	01/09/2025	2202
7440-50-8	Copper	47		01/09/2025	2202
7439-89-6	Iron	20000		01/09/2025	2202
7439-92-1	Lead	280		01/09/2025	2202
7439-95-4	Magnesium	3800		01/09/2025	2202
7439-96-5	Manganese	1000		01/09/2025	2202
7440-02-0	Nickel	17		01/09/2025	2202
7440-09-7	Potassium	790		01/09/2025	2202
7782-49-2	Selenium	10		01/09/2025	2202
7440-22-4	Silver	0.89	J*	01/09/2025	2202
7440-23-5	Sodium	230	J	01/09/2025	2202
7440-28-0	Thallium	2.5	U	01/09/2025	2202
7440-62-2	Vanadium	18		01/09/2025	2202
7440-66-6	Zinc	120	*	01/09/2025	2202

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

Comments: