

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHN27

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHN27

Matrix: SOIL Lab Sample ID: P5203-01

% Solids: 72.7 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	6000		01/09/2025	2206
7440-36-0	Antimony	2.8	J	01/09/2025	2206
7440-38-2	Arsenic	12		01/09/2025	2206
7440-39-3	Barium	130		01/09/2025	2206
7440-41-7	Beryllium	0.60		01/09/2025	2206
7440-43-9	Cadmium	0.60		01/09/2025	2206
7440-70-2	Calcium	18000		01/09/2025	2206
7440-47-3	Chromium	21		01/09/2025	2206
7440-48-4	Cobalt	5.5	*	01/09/2025	2206
7440-50-8	Copper	40		01/09/2025	2206
7439-89-6	Iron	15000		01/09/2025	2206
7439-92-1	Lead	320		01/09/2025	2206
7439-95-4	Magnesium	7000		01/09/2025	2206
7439-96-5	Manganese	750		01/09/2025	2206
7440-02-0	Nickel	22		01/09/2025	2206
7440-09-7	Potassium	700		01/09/2025	2206
7782-49-2	Selenium	5.8		01/09/2025	2206
7440-22-4	Silver	0.57	J*	01/09/2025	2206
7440-23-5	Sodium	540	U	01/09/2025	2206
7440-28-0	Thallium	2.7	U	01/09/2025	2206
7440-62-2	Vanadium	17		01/09/2025	2206
7440-66-6	Zinc	180		01/09/2025	2206

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

Comments:

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MBHN28

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHN27

Matrix: SOIL Lab Sample ID: P5203-02

% 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	5500		01/09/2025	2210
7440-36-0	Antimony	3.2	J	01/09/2025	2210
7440-38-2	Arsenic	11		01/09/2025	2210
7440-39-3	Barium	120		01/09/2025	2210
7440-41-7	Beryllium	0.57	J	01/09/2025	2210
7440-43-9	Cadmium	0.67		01/09/2025	2210
7440-70-2	Calcium	22000		01/09/2025	2210
7440-47-3	Chromium	13		01/09/2025	2210
7440-48-4	Cobalt	5.5	J*	01/09/2025	2210
7440-50-8	Copper	36		01/09/2025	2210
7439-89-6	Iron	15000		01/09/2025	2210
7439-92-1	Lead	280		01/09/2025	2210
7439-95-4	Magnesium	8500		01/09/2025	2210
7439-96-5	Manganese	700		01/09/2025	2210
7440-02-0	Nickel	19		01/09/2025	2210
7440-09-7	Potassium	530	J	01/09/2025	2210
7782-49-2	Selenium	5.0		01/09/2025	2210
7440-22-4	Silver	0.48	J*	01/09/2025	2210
7440-23-5	Sodium	120	J	01/09/2025	2210
7440-28-0	Thallium	2.9	U	01/09/2025	2210
7440-62-2	Vanadium	16		01/09/2025	2210
7440-66-6	Zinc	160		01/09/2025	2210

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

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MBHN29

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHN27

Matrix: SOIL Lab Sample ID: P5203-03

% 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	6000		01/09/2025	2213
7440-36-0	Antimony	2.1	J	01/09/2025	2213
7440-38-2	Arsenic	10		01/09/2025	2213
7440-39-3	Barium	130		01/09/2025	2213
7440-41-7	Beryllium	0.54		01/09/2025	2213
7440-43-9	Cadmium	0.48		01/09/2025	2213
7440-70-2	Calcium	41000		01/09/2025	2213
7440-47-3	Chromium	11		01/09/2025	2213
7440-48-4	Cobalt	5.9	*	01/09/2025	2213
7440-50-8	Copper	32		01/09/2025	2213
7439-89-6	Iron	13000		01/09/2025	2213
7439-92-1	Lead	350		01/09/2025	2213
7439-95-4	Magnesium	9000		01/09/2025	2213
7439-96-5	Manganese	720		01/09/2025	2213
7440-02-0	Nickel	16		01/09/2025	2213
7440-09-7	Potassium	450		01/09/2025	2213
7782-49-2	Selenium	3.7		01/09/2025	2213
7440-22-4	Silver	0.48	J*	01/09/2025	2213
7440-23-5	Sodium	130	J	01/09/2025	2213
7440-28-0	Thallium	2.2	U	01/09/2025	2213
7440-62-2	Vanadium	15		01/09/2025	2213
7440-66-6	Zinc	150		01/09/2025	2213

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

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MBHN30

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHN27

Matrix: SOIL Lab Sample ID: P5203-04

% Solids: 81.8 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	6400		01/09/2025	2217
7440-36-0	Antimony	3.6	J	01/09/2025	2217
7440-38-2	Arsenic	14		01/09/2025	2217
7440-39-3	Barium	180		01/09/2025	2217
7440-41-7	Beryllium	0.60		01/09/2025	2217
7440-43-9	Cadmium	0.39	J	01/09/2025	2217
7440-70-2	Calcium	17000		01/09/2025	2217
7440-47-3	Chromium	11		01/09/2025	2217
7440-48-4	Cobalt	6.1	*	01/09/2025	2217
7440-50-8	Copper	63		01/09/2025	2217
7439-89-6	Iron	15000		01/09/2025	2217
7439-92-1	Lead	750		01/09/2025	2217
7439-95-4	Magnesium	4300		01/09/2025	2217
7439-96-5	Manganese	890		01/09/2025	2217
7440-02-0	Nickel	15		01/09/2025	2217
7440-09-7	Potassium	550		01/09/2025	2217
7782-49-2	Selenium	6.3		01/09/2025	2217
7440-22-4	Silver	0.63	J*	01/09/2025	2217
7440-23-5	Sodium	140	J	01/09/2025	2217
7440-28-0	Thallium	2.4	U	01/09/2025	2217
7440-62-2	Vanadium	19		01/09/2025	2217
7440-66-6	Zinc	210		01/09/2025	2217

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

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MBHN31

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHN27

Matrix: SOIL Lab Sample ID: P5203-05

% Solids: 85.1 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	5900		01/09/2025	2221
7440-36-0	Antimony	2.8	J	01/09/2025	2221
7440-38-2	Arsenic	9.2		01/09/2025	2221
7440-39-3	Barium	83		01/09/2025	2221
7440-41-7	Beryllium	0.49		01/09/2025	2221
7440-43-9	Cadmium	0.24	J	01/09/2025	2221
7440-70-2	Calcium	23000		01/09/2025	2221
7440-47-3	Chromium	10		01/09/2025	2221
7440-48-4	Cobalt	6.9	*	01/09/2025	2221
7440-50-8	Copper	20		01/09/2025	2221
7439-89-6	Iron	13000		01/09/2025	2221
7439-92-1	Lead	190		01/09/2025	2221
7439-95-4	Magnesium	12000		01/09/2025	2221
7439-96-5	Manganese	730		01/09/2025	2221
7440-02-0	Nickel	14		01/09/2025	2221
7440-09-7	Potassium	460	J	01/09/2025	2221
7782-49-2	Selenium	4.1		01/09/2025	2221
7440-22-4	Silver	0.53	J*	01/09/2025	2221
7440-23-5	Sodium	470	U	01/09/2025	2221
7440-28-0	Thallium	2.3	U	01/09/2025	2221
7440-62-2	Vanadium	15		01/09/2025	2221
7440-66-6	Zinc	51		01/09/2025	2221

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

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MBHN32

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHN27

Matrix: SOIL Lab Sample ID: P5203-06

% Solids: 89.3 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	5800		01/10/2025	1449
7440-36-0	Antimony	2.0	J	01/10/2025	1449
7440-38-2	Arsenic	8.8		01/10/2025	1449
7440-39-3	Barium	56		01/10/2025	1449
7440-41-7	Beryllium	0.66		01/10/2025	1449
7440-43-9	Cadmium	0.22	J	01/10/2025	1449
7440-70-2	Calcium	16000		01/10/2025	1449
7440-47-3	Chromium	8.8		01/10/2025	1449
7440-48-4	Cobalt	6.5	*	01/10/2025	1449
7440-50-8	Copper	30		01/10/2025	1449
7439-89-6	Iron	16000		01/10/2025	1449
7439-92-1	Lead	49		01/10/2025	1449
7439-95-4	Magnesium	3200		01/10/2025	1449
7439-96-5	Manganese	910		01/10/2025	1449
7440-02-0	Nickel	17		01/10/2025	1449
7440-09-7	Potassium	500	U	01/10/2025	1449
7782-49-2	Selenium	7.4		01/10/2025	1449
7440-22-4	Silver	1.0	U*	01/10/2025	1449
7440-23-5	Sodium	120	J	01/10/2025	1449
7440-28-0	Thallium	2.5	U	01/10/2025	1449
7440-62-2	Vanadium	12		01/10/2025	1449
7440-66-6	Zinc	35		01/10/2025	1449

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

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MBHN33

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHN27

Matrix: SOIL Lab Sample ID: P5203-07

% Solids: 90.3 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	3400		01/10/2025	1453
7440-36-0	Antimony	1.3	J	01/10/2025	1453
7440-38-2	Arsenic	7.3		01/10/2025	1453
7440-39-3	Barium	32		01/10/2025	1453
7440-41-7	Beryllium	0.39	J	01/10/2025	1453
7440-43-9	Cadmium	0.16	J	01/10/2025	1453
7440-70-2	Calcium	62000		01/10/2025	1453
7440-47-3	Chromium	11		01/10/2025	1453
7440-48-4	Cobalt	8.3	*	01/10/2025	1453
7440-50-8	Copper	26		01/10/2025	1453
7439-89-6	Iron	11000		01/10/2025	1453
7439-92-1	Lead	19		01/10/2025	1453
7439-95-4	Magnesium	2200		01/10/2025	1453
7439-96-5	Manganese	960		01/10/2025	1453
7440-02-0	Nickel	12		01/10/2025	1453
7440-09-7	Potassium	460	U	01/10/2025	1453
7782-49-2	Selenium	3.0	J	01/10/2025	1453
7440-22-4	Silver	0.92	U*	01/10/2025	1453
7440-23-5	Sodium	180	J	01/10/2025	1453
7440-28-0	Thallium	2.3	U	01/10/2025	1453
7440-62-2	Vanadium	5.6		01/10/2025	1453
7440-66-6	Zinc	43		01/10/2025	1453

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

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MBHN61

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHN27

Matrix: SOIL Lab Sample ID: P5203-08

% Solids: 72.4 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	7300		01/10/2025	1456
7440-36-0	Antimony	2.9	J	01/10/2025	1456
7440-38-2	Arsenic	15		01/10/2025	1456
7440-39-3	Barium	190		01/10/2025	1456
7440-41-7	Beryllium	0.91		01/10/2025	1456
7440-43-9	Cadmium	1.8		01/10/2025	1456
7440-70-2	Calcium	20000		01/10/2025	1456
7440-47-3	Chromium	38		01/10/2025	1456
7440-48-4	Cobalt	5.2	J*	01/10/2025	1456
7440-50-8	Copper	36		01/10/2025	1456
7439-89-6	Iron	19000		01/10/2025	1456
7439-92-1	Lead	200		01/10/2025	1456
7439-95-4	Magnesium	4800		01/10/2025	1456
7439-96-5	Manganese	880		01/10/2025	1456
7440-02-0	Nickel	24		01/10/2025	1456
7440-09-7	Potassium	360	J	01/10/2025	1456
7782-49-2	Selenium	9.5		01/10/2025	1456
7440-22-4	Silver	1.2	U*	01/10/2025	1456
7440-23-5	Sodium	150	J	01/10/2025	1456
7440-28-0	Thallium	2.9	U	01/10/2025	1456
7440-62-2	Vanadium	18		01/10/2025	1456
7440-66-6	Zinc	150		01/10/2025	1456

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

Comments:

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MBHN62

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHN27

Matrix: SOIL Lab Sample ID: P5203-09

% Solids: 66.8 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	6800		01/10/2025	1500
7440-36-0	Antimony	2.4	J	01/10/2025	1500
7440-38-2	Arsenic	17		01/10/2025	1500
7440-39-3	Barium	180		01/10/2025	1500
7440-41-7	Beryllium	0.81		01/10/2025	1500
7440-43-9	Cadmium	1.1		01/10/2025	1500
7440-70-2	Calcium	28000		01/10/2025	1500
7440-47-3	Chromium	32		01/10/2025	1500
7440-48-4	Cobalt	6.9	*	01/10/2025	1500
7440-50-8	Copper	37		01/10/2025	1500
7439-89-6	Iron	17000		01/10/2025	1500
7439-92-1	Lead	280		01/10/2025	1500
7439-95-4	Magnesium	4600		01/10/2025	1500
7439-96-5	Manganese	1100		01/10/2025	1500
7440-02-0	Nickel	27		01/10/2025	1500
7440-09-7	Potassium	470	J	01/10/2025	1500
7782-49-2	Selenium	7.8		01/10/2025	1500
7440-22-4	Silver	1.2	U*	01/10/2025	1500
7440-23-5	Sodium	140	J	01/10/2025	1500
7440-28-0	Thallium	3.0	U	01/10/2025	1500
7440-62-2	Vanadium	17		01/10/2025	1500
7440-66-6	Zinc	210		01/10/2025	1500

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

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MBHN63

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHN27

Matrix: SOIL Lab Sample ID: P5203-10

% Solids: 74.6 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	6500		01/10/2025	1504
7440-36-0	Antimony	2.4	J	01/10/2025	1504
7440-38-2	Arsenic	17		01/10/2025	1504
7440-39-3	Barium	150		01/10/2025	1504
7440-41-7	Beryllium	0.77		01/10/2025	1504
7440-43-9	Cadmium	0.77		01/10/2025	1504
7440-70-2	Calcium	27000		01/10/2025	1504
7440-47-3	Chromium	36		01/10/2025	1504
7440-48-4	Cobalt	5.5	J*	01/10/2025	1504
7440-50-8	Copper	31		01/10/2025	1504
7439-89-6	Iron	15000		01/10/2025	1504
7439-92-1	Lead	240		01/10/2025	1504
7439-95-4	Magnesium	4700		01/10/2025	1504
7439-96-5	Manganese	830		01/10/2025	1504
7440-02-0	Nickel	20		01/10/2025	1504
7440-09-7	Potassium	400	J	01/10/2025	1504
7782-49-2	Selenium	7.2		01/10/2025	1504
7440-22-4	Silver	1.1	U*	01/10/2025	1504
7440-23-5	Sodium	110	J	01/10/2025	1504
7440-28-0	Thallium	2.8	U	01/10/2025	1504
7440-62-2	Vanadium	16		01/10/2025	1504
7440-66-6	Zinc	170		01/10/2025	1504

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

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MBHN95

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHN27

Matrix: SOIL Lab Sample ID: P5203-11

% Solids: 90.2 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		01/10/2025	1522
7440-36-0	Antimony	2.9	J	01/10/2025	1522
7440-38-2	Arsenic	8.2		01/10/2025	1522
7440-39-3	Barium	60		01/10/2025	1522
7440-41-7	Beryllium	0.81		01/10/2025	1522
7440-43-9	Cadmium	0.12	J	01/10/2025	1522
7440-70-2	Calcium	3400		01/10/2025	1522
7440-47-3	Chromium	7.8		01/10/2025	1522
7440-48-4	Cobalt	1.4	J*	01/10/2025	1522
7440-50-8	Copper	16		01/10/2025	1522
7439-89-6	Iron	18000		01/10/2025	1522
7439-92-1	Lead	45		01/10/2025	1522
7439-95-4	Magnesium	2200		01/10/2025	1522
7439-96-5	Manganese	330		01/10/2025	1522
7440-02-0	Nickel	13		01/10/2025	1522
7440-09-7	Potassium	500	U	01/10/2025	1522
7782-49-2	Selenium	10		01/10/2025	1522
7440-22-4	Silver	1.0	U*	01/10/2025	1522
7440-23-5	Sodium	240	J	01/10/2025	1522
7440-28-0	Thallium	2.5	U	01/10/2025	1522
7440-62-2	Vanadium	19		01/10/2025	1522
7440-66-6	Zinc	36		01/10/2025	1522

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHNB5

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHN27

Matrix: SOIL Lab Sample ID: P5203-12

% Solids: 68.2 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	7300		01/10/2025	1526
7440-36-0	Antimony	3.5	J	01/10/2025	1526
7440-38-2	Arsenic	16		01/10/2025	1526
7440-39-3	Barium	270		01/10/2025	1526
7440-41-7	Beryllium	1.1		01/10/2025	1526
7440-43-9	Cadmium	0.90		01/10/2025	1526
7440-70-2	Calcium	21000		01/10/2025	1526
7440-47-3	Chromium	19		01/10/2025	1526
7440-48-4	Cobalt	5.2	J*	01/10/2025	1526
7440-50-8	Copper	100		01/10/2025	1526
7439-89-6	Iron	22000		01/10/2025	1526
7439-92-1	Lead	1100		01/10/2025	1526
7439-95-4	Magnesium	5500		01/10/2025	1526
7439-96-5	Manganese	910		01/10/2025	1526
7440-02-0	Nickel	27		01/10/2025	1526
7440-09-7	Potassium	620	U	01/10/2025	1526
7782-49-2	Selenium	11		01/10/2025	1526
7440-22-4	Silver	1.2	U*	01/10/2025	1526
7440-23-5	Sodium	210	J	01/10/2025	1526
7440-28-0	Thallium	3.1	U	01/10/2025	1526
7440-62-2	Vanadium	24		01/10/2025	1526
7440-66-6	Zinc	410		01/10/2025	1526

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHNB6

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHN27

Matrix: SOIL Lab Sample ID: P5203-13

% 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	6100		01/10/2025	1713
7440-36-0	Antimony	5.1	J	01/10/2025	1713
7440-38-2	Arsenic	6.6		01/10/2025	1713
7440-39-3	Barium	220		01/10/2025	1713
7440-41-7	Beryllium	1.6		01/10/2025	1713
7440-43-9	Cadmium	1.4		01/10/2025	1713
7440-70-2	Calcium	18000		01/10/2025	1713
7440-47-3	Chromium	12		01/10/2025	1713
7440-48-4	Cobalt	5.8	U*	01/10/2025	1713
7440-50-8	Copper	98		01/10/2025	1713
7439-89-6	Iron	42000		01/10/2025	1713
7439-92-1	Lead	570		01/10/2025	1713
7439-95-4	Magnesium	4100		01/10/2025	1713
7439-96-5	Manganese	730		01/10/2025	1713
7440-02-0	Nickel	19		01/10/2025	1713
7440-09-7	Potassium	580	U	01/10/2025	1713
7782-49-2	Selenium	19		01/10/2025	1713
7440-22-4	Silver	1.2	U*	01/10/2025	1713
7440-23-5	Sodium	150	J	01/10/2025	1713
7440-28-0	Thallium	2.9	U	01/10/2025	1713
7440-62-2	Vanadium	23		01/10/2025	1713
7440-66-6	Zinc	470		01/10/2025	1713

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHNB7

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHN27

Matrix: SOIL Lab Sample ID: P5203-14

% Solids: 75.6 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	6700		01/10/2025	1534
7440-36-0	Antimony	2.7	J	01/10/2025	1534
7440-38-2	Arsenic	17		01/10/2025	1534
7440-39-3	Barium	200		01/10/2025	1534
7440-41-7	Beryllium	1.0		01/10/2025	1534
7440-43-9	Cadmium	0.78		01/10/2025	1534
7440-70-2	Calcium	25000		01/10/2025	1534
7440-47-3	Chromium	12		01/10/2025	1534
7440-48-4	Cobalt	6.3	*	01/10/2025	1534
7440-50-8	Copper	84		01/10/2025	1534
7439-89-6	Iron	18000		01/10/2025	1534
7439-92-1	Lead	680		01/10/2025	1534
7439-95-4	Magnesium	4600		01/10/2025	1534
7439-96-5	Manganese	550		01/10/2025	1534
7440-02-0	Nickel	22		01/10/2025	1534
7440-09-7	Potassium	520	U	01/10/2025	1534
7782-49-2	Selenium	7.8		01/10/2025	1534
7440-22-4	Silver	1.0	U*	01/10/2025	1534
7440-23-5	Sodium	190	J	01/10/2025	1534
7440-28-0	Thallium	2.6	U	01/10/2025	1534
7440-62-2	Vanadium	26		01/10/2025	1534
7440-66-6	Zinc	250		01/10/2025	1534

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHNB8

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHN27

Matrix: SOIL Lab Sample ID: P5203-15

% Solids: 74.2 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	7000		01/10/2025	1537
7440-36-0	Antimony	2.5	J	01/10/2025	1537
7440-38-2	Arsenic	18		01/10/2025	1537
7440-39-3	Barium	330		01/10/2025	1537
7440-41-7	Beryllium	1.0		01/10/2025	1537
7440-43-9	Cadmium	0.70		01/10/2025	1537
7440-70-2	Calcium	81000		01/10/2025	1537
7440-47-3	Chromium	17		01/10/2025	1537
7440-48-4	Cobalt	7.9	*	01/10/2025	1537
7440-50-8	Copper	64		01/10/2025	1537
7439-89-6	Iron	16000		01/10/2025	1537
7439-92-1	Lead	1100		01/10/2025	1537
7439-95-4	Magnesium	5400		01/10/2025	1537
7439-96-5	Manganese	610		01/10/2025	1537
7440-02-0	Nickel	17		01/10/2025	1537
7440-09-7	Potassium	520	U	01/10/2025	1537
7782-49-2	Selenium	5.9		01/10/2025	1537
7440-22-4	Silver	1.0	U*	01/10/2025	1537
7440-23-5	Sodium	280	J	01/10/2025	1537
7440-28-0	Thallium	2.6	U	01/10/2025	1537
7440-62-2	Vanadium	24		01/10/2025	1537
7440-66-6	Zinc	360		01/10/2025	1537

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHNB9

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHN27

Matrix: SOIL Lab Sample ID: P5203-16

% 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	7800		01/10/2025	1541
7440-36-0	Antimony	3.3	J	01/10/2025	1541
7440-38-2	Arsenic	12		01/10/2025	1541
7440-39-3	Barium	330		01/10/2025	1541
7440-41-7	Beryllium	0.98		01/10/2025	1541
7440-43-9	Cadmium	0.71		01/10/2025	1541
7440-70-2	Calcium	18000		01/10/2025	1541
7440-47-3	Chromium	14		01/10/2025	1541
7440-48-4	Cobalt	6.4	*	01/10/2025	1541
7440-50-8	Copper	33		01/10/2025	1541
7439-89-6	Iron	24000		01/10/2025	1541
7439-92-1	Lead	160		01/10/2025	1541
7439-95-4	Magnesium	5200		01/10/2025	1541
7439-96-5	Manganese	2100		01/10/2025	1541
7440-02-0	Nickel	23		01/10/2025	1541
7440-09-7	Potassium	550	U	01/10/2025	1541
7782-49-2	Selenium	13		01/10/2025	1541
7440-22-4	Silver	1.1	U*	01/10/2025	1541
7440-23-5	Sodium	140	J	01/10/2025	1541
7440-28-0	Thallium	2.7	U	01/10/2025	1541
7440-62-2	Vanadium	8.6		01/10/2025	1541
7440-66-6	Zinc	70		01/10/2025	1541

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHNC0

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHN27
 Matrix: SOIL Lab Sample ID: P5203-17
 % 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	6700		01/10/2025	1545
7440-36-0	Antimony	2.6	J	01/10/2025	1545
7440-38-2	Arsenic	10		01/10/2025	1545
7440-39-3	Barium	180		01/10/2025	1545
7440-41-7	Beryllium	0.81		01/10/2025	1545
7440-43-9	Cadmium	0.58		01/10/2025	1545
7440-70-2	Calcium	33000		01/10/2025	1545
7440-47-3	Chromium	11		01/10/2025	1545
7440-48-4	Cobalt	6.4	*	01/10/2025	1545
7440-50-8	Copper	22		01/10/2025	1545
7439-89-6	Iron	21000		01/10/2025	1545
7439-92-1	Lead	59		01/10/2025	1545
7439-95-4	Magnesium	5200		01/10/2025	1545
7439-96-5	Manganese	1800		01/10/2025	1545
7440-02-0	Nickel	20		01/10/2025	1545
7440-09-7	Potassium	510	U	01/10/2025	1545
7782-49-2	Selenium	10		01/10/2025	1545
7440-22-4	Silver	1.0	U*	01/10/2025	1545
7440-23-5	Sodium	510	U	01/10/2025	1545
7440-28-0	Thallium	2.6	U	01/10/2025	1545
7440-62-2	Vanadium	9.5		01/10/2025	1545
7440-66-6	Zinc	41		01/10/2025	1545

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHNC1

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHN27

Matrix: SOIL Lab Sample ID: P5203-18

% 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	4700		01/09/2025	1822
7440-36-0	Antimony	2.2	J	01/09/2025	1822
7440-38-2	Arsenic	3.7		01/09/2025	1822
7440-39-3	Barium	35		01/09/2025	1822
7440-41-7	Beryllium	0.35	J	01/09/2025	1822
7440-43-9	Cadmium	0.11	J	01/09/2025	1822
7440-70-2	Calcium	51000		01/09/2025	1822
7440-47-3	Chromium	7.5		01/09/2025	1822
7440-48-4	Cobalt	6.2	*	01/09/2025	1822
7440-50-8	Copper	18		01/09/2025	1822
7439-89-6	Iron	13000		01/09/2025	1822
7439-92-1	Lead	11		01/09/2025	1822
7439-95-4	Magnesium	9700		01/09/2025	1822
7439-96-5	Manganese	610		01/09/2025	1822
7440-02-0	Nickel	13		01/09/2025	1822
7440-09-7	Potassium	460	J	01/09/2025	1822
7782-49-2	Selenium	2.7	J	01/09/2025	1822
7440-22-4	Silver	0.22	J*	01/09/2025	1822
7440-23-5	Sodium	110	J	01/09/2025	1822
7440-28-0	Thallium	2.4	U	01/09/2025	1822
7440-62-2	Vanadium	13		01/09/2025	1822
7440-66-6	Zinc	27		01/09/2025	1822

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHND0

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHN27

Matrix: SOIL Lab Sample ID: P5203-21

% Solids: 76.7 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		01/10/2025	1549
7440-36-0	Antimony	3.8	J	01/10/2025	1549
7440-38-2	Arsenic	12		01/10/2025	1549
7440-39-3	Barium	170		01/10/2025	1549
7440-41-7	Beryllium	1.1		01/10/2025	1549
7440-43-9	Cadmium	1.4		01/10/2025	1549
7440-70-2	Calcium	19000		01/10/2025	1549
7440-47-3	Chromium	18		01/10/2025	1549
7440-48-4	Cobalt	2.4	J*	01/10/2025	1549
7440-50-8	Copper	47		01/10/2025	1549
7439-89-6	Iron	24000		01/10/2025	1549
7439-92-1	Lead	330		01/10/2025	1549
7439-95-4	Magnesium	5500		01/10/2025	1549
7439-96-5	Manganese	820		01/10/2025	1549
7440-02-0	Nickel	32		01/10/2025	1549
7440-09-7	Potassium	480	U	01/10/2025	1549
7782-49-2	Selenium	13		01/10/2025	1549
7440-22-4	Silver	0.97	U*	01/10/2025	1549
7440-23-5	Sodium	480	U	01/10/2025	1549
7440-28-0	Thallium	2.4	U	01/10/2025	1549
7440-62-2	Vanadium	19		01/10/2025	1549
7440-66-6	Zinc	190		01/10/2025	1549

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

Comments: