

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHMZ9

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHMZ9

Matrix: SOIL Lab Sample ID: P5207-01

% Solids: 70.5 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	6900		01/09/2025	1838
7440-36-0	Antimony	5.5	J	01/09/2025	1838
7440-38-2	Arsenic	13		01/09/2025	1838
7440-39-3	Barium	220		01/09/2025	1838
7440-41-7	Beryllium	0.58		01/09/2025	1838
7440-43-9	Cadmium	2.3		01/09/2025	1838
7440-70-2	Calcium	30000		01/09/2025	1838
7440-47-3	Chromium	15		01/09/2025	1838
7440-48-4	Cobalt	5.6	*	01/09/2025	1838
7440-50-8	Copper	67	*	01/09/2025	1838
7439-89-6	Iron	15000		01/09/2025	1838
7439-92-1	Lead	250		01/09/2025	1838
7439-95-4	Magnesium	7200	*	01/09/2025	1838
7439-96-5	Manganese	570	*	01/09/2025	1838
7440-02-0	Nickel	18		01/09/2025	1838
7440-09-7	Potassium	800		01/09/2025	1838
7782-49-2	Selenium	4.3		01/09/2025	1838
7440-22-4	Silver	0.64	J*	01/09/2025	1838
7440-23-5	Sodium	120	J	01/09/2025	1838
7440-28-0	Thallium	2.8	U*	01/09/2025	1838
7440-62-2	Vanadium	19		01/09/2025	1838
7440-66-6	Zinc	380		01/09/2025	1838

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

Comments:

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MBHN00

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHMZ9

Matrix: SOIL Lab Sample ID: P5207-02

% Solids: 78 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		01/09/2025	1841
7440-36-0	Antimony	7.2		01/09/2025	1841
7440-38-2	Arsenic	17		01/09/2025	1841
7440-39-3	Barium	180		01/09/2025	1841
7440-41-7	Beryllium	0.68		01/09/2025	1841
7440-43-9	Cadmium	2.8		01/09/2025	1841
7440-70-2	Calcium	29000		01/09/2025	1841
7440-47-3	Chromium	15		01/09/2025	1841
7440-48-4	Cobalt	3.7	J*	01/09/2025	1841
7440-50-8	Copper	69	*	01/09/2025	1841
7439-89-6	Iron	21000		01/09/2025	1841
7439-92-1	Lead	280		01/09/2025	1841
7439-95-4	Magnesium	5000	*	01/09/2025	1841
7439-96-5	Manganese	650	*	01/09/2025	1841
7440-02-0	Nickel	20		01/09/2025	1841
7440-09-7	Potassium	730		01/09/2025	1841
7782-49-2	Selenium	9.3		01/09/2025	1841
7440-22-4	Silver	0.87	J*	01/09/2025	1841
7440-23-5	Sodium	160	J	01/09/2025	1841
7440-28-0	Thallium	2.4	U*	01/09/2025	1841
7440-62-2	Vanadium	21		01/09/2025	1841
7440-66-6	Zinc	450		01/09/2025	1841

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

Comments:

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MBHN01

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHMZ9

Matrix: SOIL Lab Sample ID: P5207-03

% Solids: 87.1 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	8400		01/09/2025	1845
7440-36-0	Antimony	6.8		01/09/2025	1845
7440-38-2	Arsenic	23		01/09/2025	1845
7440-39-3	Barium	240		01/09/2025	1845
7440-41-7	Beryllium	0.77		01/09/2025	1845
7440-43-9	Cadmium	1.8		01/09/2025	1845
7440-70-2	Calcium	8700		01/09/2025	1845
7440-47-3	Chromium	18		01/09/2025	1845
7440-48-4	Cobalt	4.6	J*	01/09/2025	1845
7440-50-8	Copper	55	*	01/09/2025	1845
7439-89-6	Iron	20000		01/09/2025	1845
7439-92-1	Lead	260		01/09/2025	1845
7439-95-4	Magnesium	2700	*	01/09/2025	1845
7439-96-5	Manganese	600	*	01/09/2025	1845
7440-02-0	Nickel	21		01/09/2025	1845
7440-09-7	Potassium	800		01/09/2025	1845
7782-49-2	Selenium	9.8		01/09/2025	1845
7440-22-4	Silver	0.77	J*	01/09/2025	1845
7440-23-5	Sodium	110	J	01/09/2025	1845
7440-28-0	Thallium	2.7	U*	01/09/2025	1845
7440-62-2	Vanadium	27		01/09/2025	1845
7440-66-6	Zinc	350		01/09/2025	1845

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

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MBHN02

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHMZ9

Matrix: SOIL Lab Sample ID: P5207-04

% Solids: 89.8 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	8800		01/09/2025	1849
7440-36-0	Antimony	4.9	J	01/09/2025	1849
7440-38-2	Arsenic	14		01/09/2025	1849
7440-39-3	Barium	100		01/09/2025	1849
7440-41-7	Beryllium	0.62		01/09/2025	1849
7440-43-9	Cadmium	0.85		01/09/2025	1849
7440-70-2	Calcium	4700		01/09/2025	1849
7440-47-3	Chromium	11		01/09/2025	1849
7440-48-4	Cobalt	2.9	J*	01/09/2025	1849
7440-50-8	Copper	27	*	01/09/2025	1849
7439-89-6	Iron	17000		01/09/2025	1849
7439-92-1	Lead	110		01/09/2025	1849
7439-95-4	Magnesium	2000	*	01/09/2025	1849
7439-96-5	Manganese	410	*	01/09/2025	1849
7440-02-0	Nickel	13		01/09/2025	1849
7440-09-7	Potassium	660		01/09/2025	1849
7782-49-2	Selenium	8.1		01/09/2025	1849
7440-22-4	Silver	0.58	J*	01/09/2025	1849
7440-23-5	Sodium	450	U	01/09/2025	1849
7440-28-0	Thallium	2.2	U*	01/09/2025	1849
7440-62-2	Vanadium	21		01/09/2025	1849
7440-66-6	Zinc	150		01/09/2025	1849

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

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MBHN03

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHMZ9

Matrix: SOIL Lab Sample ID: P5207-05

% Solids: 91.2 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	10000		01/09/2025	1853
7440-36-0	Antimony	5.2	J	01/09/2025	1853
7440-38-2	Arsenic	11		01/09/2025	1853
7440-39-3	Barium	59		01/09/2025	1853
7440-41-7	Beryllium	0.71		01/09/2025	1853
7440-43-9	Cadmium	0.46		01/09/2025	1853
7440-70-2	Calcium	4400		01/09/2025	1853
7440-47-3	Chromium	13		01/09/2025	1853
7440-48-4	Cobalt	4.2	J*	01/09/2025	1853
7440-50-8	Copper	22	*	01/09/2025	1853
7439-89-6	Iron	18000		01/09/2025	1853
7439-92-1	Lead	58		01/09/2025	1853
7439-95-4	Magnesium	2100	*	01/09/2025	1853
7439-96-5	Manganese	620	*	01/09/2025	1853
7440-02-0	Nickel	13		01/09/2025	1853
7440-09-7	Potassium	680		01/09/2025	1853
7782-49-2	Selenium	9.8		01/09/2025	1853
7440-22-4	Silver	0.46	J*	01/09/2025	1853
7440-23-5	Sodium	460	U	01/09/2025	1853
7440-28-0	Thallium	2.3	U*	01/09/2025	1853
7440-62-2	Vanadium	22		01/09/2025	1853
7440-66-6	Zinc	93		01/09/2025	1853

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

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MBHN04

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHMZ9

Matrix: SOIL Lab Sample ID: P5207-06

% Solids: 88.5 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	8100		01/09/2025	1856
7440-36-0	Antimony	4.6	J	01/09/2025	1856
7440-38-2	Arsenic	15		01/09/2025	1856
7440-39-3	Barium	86		01/09/2025	1856
7440-41-7	Beryllium	0.79		01/09/2025	1856
7440-43-9	Cadmium	0.72		01/09/2025	1856
7440-70-2	Calcium	2200		01/09/2025	1856
7440-47-3	Chromium	13		01/09/2025	1856
7440-48-4	Cobalt	6.8	*	01/09/2025	1856
7440-50-8	Copper	25	*	01/09/2025	1856
7439-89-6	Iron	22000		01/09/2025	1856
7439-92-1	Lead	39		01/09/2025	1856
7439-95-4	Magnesium	2800	*	01/09/2025	1856
7439-96-5	Manganese	1300	*	01/09/2025	1856
7440-02-0	Nickel	23		01/09/2025	1856
7440-09-7	Potassium	1200		01/09/2025	1856
7782-49-2	Selenium	13		01/09/2025	1856
7440-22-4	Silver	0.59	J*	01/09/2025	1856
7440-23-5	Sodium	450	U	01/09/2025	1856
7440-28-0	Thallium	2.2	U*	01/09/2025	1856
7440-62-2	Vanadium	19		01/09/2025	1856
7440-66-6	Zinc	52		01/09/2025	1856

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

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MBHN05

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHMZ9

Matrix: SOIL Lab Sample ID: P5207-07

% Solids: 94.7 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	5400		01/09/2025	1900
7440-36-0	Antimony	2.5	J	01/09/2025	1900
7440-38-2	Arsenic	6.7		01/09/2025	1900
7440-39-3	Barium	38		01/09/2025	1900
7440-41-7	Beryllium	0.43	J	01/09/2025	1900
7440-43-9	Cadmium	0.33	J	01/09/2025	1900
7440-70-2	Calcium	28000		01/09/2025	1900
7440-47-3	Chromium	7.0		01/09/2025	1900
7440-48-4	Cobalt	5.7	*	01/09/2025	1900
7440-50-8	Copper	19	*	01/09/2025	1900
7439-89-6	Iron	15000		01/09/2025	1900
7439-92-1	Lead	15		01/09/2025	1900
7439-95-4	Magnesium	3400	*	01/09/2025	1900
7439-96-5	Manganese	820	*	01/09/2025	1900
7440-02-0	Nickel	14		01/09/2025	1900
7440-09-7	Potassium	990		01/09/2025	1900
7782-49-2	Selenium	4.3		01/09/2025	1900
7440-22-4	Silver	0.32	J*	01/09/2025	1900
7440-23-5	Sodium	470	U	01/09/2025	1900
7440-28-0	Thallium	2.3	U*	01/09/2025	1900
7440-62-2	Vanadium	14		01/09/2025	1900
7440-66-6	Zinc	34		01/09/2025	1900

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

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MBHN34

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHMZ9

Matrix: SOIL Lab Sample ID: P5207-08

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

Analytical Method: ICP_AES

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	6700		01/09/2025	1904
7440-36-0	Antimony	3.2	J	01/09/2025	1904
7440-38-2	Arsenic	21		01/09/2025	1904
7440-39-3	Barium	110		01/09/2025	1904
7440-41-7	Beryllium	0.58	J	01/09/2025	1904
7440-43-9	Cadmium	0.67		01/09/2025	1904
7440-70-2	Calcium	6700		01/09/2025	1904
7440-47-3	Chromium	17		01/09/2025	1904
7440-48-4	Cobalt	5.2	J*	01/09/2025	1904
7440-50-8	Copper	39	*	01/09/2025	1904
7439-89-6	Iron	15000		01/09/2025	1904
7439-92-1	Lead	120		01/09/2025	1904
7439-95-4	Magnesium	2500	*	01/09/2025	1904
7439-96-5	Manganese	990	*	01/09/2025	1904
7440-02-0	Nickel	21		01/09/2025	1904
7440-09-7	Potassium	940		01/09/2025	1904
7782-49-2	Selenium	7.1		01/09/2025	1904
7440-22-4	Silver	0.54	J*	01/09/2025	1904
7440-23-5	Sodium	590	U	01/09/2025	1904
7440-28-0	Thallium	3.0	U*	01/09/2025	1904
7440-62-2	Vanadium	17		01/09/2025	1904
7440-66-6	Zinc	130		01/09/2025	1904

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

Comments:

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MBHN35

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHMZ9

Matrix: SOIL Lab Sample ID: P5207-09

% Solids: 79.5 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	6700		01/09/2025	1908
7440-36-0	Antimony	5.6	J	01/09/2025	1908
7440-38-2	Arsenic	41		01/09/2025	1908
7440-39-3	Barium	130		01/09/2025	1908
7440-41-7	Beryllium	0.71		01/09/2025	1908
7440-43-9	Cadmium	0.75		01/09/2025	1908
7440-70-2	Calcium	4900		01/09/2025	1908
7440-47-3	Chromium	14		01/09/2025	1908
7440-48-4	Cobalt	3.2	J*	01/09/2025	1908
7440-50-8	Copper	49	*	01/09/2025	1908
7439-89-6	Iron	22000		01/09/2025	1908
7439-92-1	Lead	160		01/09/2025	1908
7439-95-4	Magnesium	2100	*	01/09/2025	1908
7439-96-5	Manganese	1100	*	01/09/2025	1908
7440-02-0	Nickel	21		01/09/2025	1908
7440-09-7	Potassium	890		01/09/2025	1908
7782-49-2	Selenium	12		01/09/2025	1908
7440-22-4	Silver	0.78	J*	01/09/2025	1908
7440-23-5	Sodium	480	U	01/09/2025	1908
7440-28-0	Thallium	2.4	U*	01/09/2025	1908
7440-62-2	Vanadium	19		01/09/2025	1908
7440-66-6	Zinc	140		01/09/2025	1908

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

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MBHN36

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHMZ9

Matrix: SOIL Lab Sample ID: P5207-10

% Solids: 84 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	1911
7440-36-0	Antimony	3.7	J	01/09/2025	1911
7440-38-2	Arsenic	41		01/09/2025	1911
7440-39-3	Barium	130		01/09/2025	1911
7440-41-7	Beryllium	0.63		01/09/2025	1911
7440-43-9	Cadmium	0.65		01/09/2025	1911
7440-70-2	Calcium	4900		01/09/2025	1911
7440-47-3	Chromium	12		01/09/2025	1911
7440-48-4	Cobalt	5.5	*	01/09/2025	1911
7440-50-8	Copper	43	*	01/09/2025	1911
7439-89-6	Iron	16000		01/09/2025	1911
7439-92-1	Lead	130		01/09/2025	1911
7439-95-4	Magnesium	2100	*	01/09/2025	1911
7439-96-5	Manganese	1200	*	01/09/2025	1911
7440-02-0	Nickel	17		01/09/2025	1911
7440-09-7	Potassium	800		01/09/2025	1911
7782-49-2	Selenium	8.7		01/09/2025	1911
7440-22-4	Silver	0.71	J*	01/09/2025	1911
7440-23-5	Sodium	460	U	01/09/2025	1911
7440-28-0	Thallium	2.3	U*	01/09/2025	1911
7440-62-2	Vanadium	17		01/09/2025	1911
7440-66-6	Zinc	130		01/09/2025	1911

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

Comments:

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MBHN37

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHMZ9

Matrix: SOIL Lab Sample ID: P5207-11

% 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	6800		01/13/2025	1709
7440-36-0	Antimony	2.6	J	01/13/2025	1709
7440-38-2	Arsenic	41		01/13/2025	1709
7440-39-3	Barium	92		01/13/2025	1709
7440-41-7	Beryllium	0.79		01/13/2025	1709
7440-43-9	Cadmium	0.55		01/13/2025	1709
7440-70-2	Calcium	4400		01/13/2025	1709
7440-47-3	Chromium	11		01/13/2025	1709
7440-48-4	Cobalt	6.4	*	01/13/2025	1709
7440-50-8	Copper	36	*	01/13/2025	1709
7439-89-6	Iron	17000		01/13/2025	1709
7439-92-1	Lead	58		01/13/2025	1709
7439-95-4	Magnesium	2400	*	01/13/2025	1709
7439-96-5	Manganese	1400	*	01/13/2025	1709
7440-02-0	Nickel	18		01/13/2025	1709
7440-09-7	Potassium	110	J	01/13/2025	1709
7782-49-2	Selenium	11		01/13/2025	1709
7440-22-4	Silver	0.85	U*	01/13/2025	1709
7440-23-5	Sodium	430	U	01/13/2025	1709
7440-28-0	Thallium	2.1	U*	01/13/2025	1709
7440-62-2	Vanadium	11		01/13/2025	1709
7440-66-6	Zinc	70		01/13/2025	1709

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHN38

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHMZ9

Matrix: SOIL Lab Sample ID: P5207-12

% 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	4100		01/09/2025	1919
7440-36-0	Antimony	1.2	J	01/09/2025	1919
7440-38-2	Arsenic	13		01/09/2025	1919
7440-39-3	Barium	45		01/09/2025	1919
7440-41-7	Beryllium	0.39	J	01/09/2025	1919
7440-43-9	Cadmium	0.27	J	01/09/2025	1919
7440-70-2	Calcium	92000	D	01/10/2025	1608
7440-47-3	Chromium	6.5		01/09/2025	1919
7440-48-4	Cobalt	8.1	*	01/09/2025	1919
7440-50-8	Copper	26	*	01/09/2025	1919
7439-89-6	Iron	12000		01/09/2025	1919
7439-92-1	Lead	22		01/09/2025	1919
7439-95-4	Magnesium	18000	*	01/09/2025	1919
7439-96-5	Manganese	930	*	01/09/2025	1919
7440-02-0	Nickel	11		01/09/2025	1919
7440-09-7	Potassium	510		01/09/2025	1919
7782-49-2	Selenium	1.9	J	01/09/2025	1919
7440-22-4	Silver	0.40	J*	01/09/2025	1919
7440-23-5	Sodium	110	J	01/09/2025	1919
7440-28-0	Thallium	1.8	J*	01/09/2025	1919
7440-62-2	Vanadium	11		01/09/2025	1919
7440-66-6	Zinc	36		01/09/2025	1919

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHN39

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHMZ9

Matrix: SOIL Lab Sample ID: P5207-13

% Solids: 95.6 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	7900		01/09/2025	1725
7440-36-0	Antimony	6.0		01/09/2025	1725
7440-38-2	Arsenic	11		01/09/2025	1725
7440-39-3	Barium	49		01/09/2025	1725
7440-41-7	Beryllium	0.43		01/09/2025	1725
7440-43-9	Cadmium	0.19	J	01/09/2025	1725
7440-70-2	Calcium	61000		01/09/2025	1725
7440-47-3	Chromium	34		01/09/2025	1725
7440-48-4	Cobalt	10	*	01/09/2025	1725
7440-50-8	Copper	74	*	01/09/2025	1725
7439-89-6	Iron	21000		01/09/2025	1725
7439-92-1	Lead	15		01/09/2025	1725
7439-95-4	Magnesium	21000	*	01/09/2025	1725
7439-96-5	Manganese	520	*	01/09/2025	1725
7440-02-0	Nickel	18		01/09/2025	1725
7440-09-7	Potassium	4200		01/09/2025	1725
7782-49-2	Selenium	7.7		01/09/2025	1725
7440-22-4	Silver	0.57	J*	01/09/2025	1725
7440-23-5	Sodium	100	J	01/09/2025	1725
7440-28-0	Thallium	2.0	U*	01/09/2025	1725
7440-62-2	Vanadium	37		01/09/2025	1725
7440-66-6	Zinc	58		01/09/2025	1725

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHN54

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHMZ9

Matrix: SOIL Lab Sample ID: P5207-16

% Solids: 83.7 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	7100		01/09/2025	1923
7440-36-0	Antimony	4.2	J	01/09/2025	1923
7440-38-2	Arsenic	16		01/09/2025	1923
7440-39-3	Barium	300		01/09/2025	1923
7440-41-7	Beryllium	0.74		01/09/2025	1923
7440-43-9	Cadmium	0.86		01/09/2025	1923
7440-70-2	Calcium	5500		01/09/2025	1923
7440-47-3	Chromium	17		01/09/2025	1923
7440-48-4	Cobalt	3.5	J*	01/09/2025	1923
7440-50-8	Copper	49	*	01/09/2025	1923
7439-89-6	Iron	16000		01/09/2025	1923
7439-92-1	Lead	280		01/09/2025	1923
7439-95-4	Magnesium	2000	*	01/09/2025	1923
7439-96-5	Manganese	500	*	01/09/2025	1923
7440-02-0	Nickel	20		01/09/2025	1923
7440-09-7	Potassium	1400		01/09/2025	1923
7782-49-2	Selenium	8.6		01/09/2025	1923
7440-22-4	Silver	0.71	J*	01/09/2025	1923
7440-23-5	Sodium	440	U	01/09/2025	1923
7440-28-0	Thallium	2.2	U*	01/09/2025	1923
7440-62-2	Vanadium	21		01/09/2025	1923
7440-66-6	Zinc	340		01/09/2025	1923

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHN55

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHMZ9

Matrix: SOIL Lab Sample ID: P5207-17

% Solids: 85.7 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	7300		01/09/2025	1927
7440-36-0	Antimony	4.2	J	01/09/2025	1927
7440-38-2	Arsenic	17		01/09/2025	1927
7440-39-3	Barium	290		01/09/2025	1927
7440-41-7	Beryllium	0.77		01/09/2025	1927
7440-43-9	Cadmium	0.86		01/09/2025	1927
7440-70-2	Calcium	3700		01/09/2025	1927
7440-47-3	Chromium	15		01/09/2025	1927
7440-48-4	Cobalt	2.9	J*	01/09/2025	1927
7440-50-8	Copper	58	*	01/09/2025	1927
7439-89-6	Iron	16000		01/09/2025	1927
7439-92-1	Lead	280		01/09/2025	1927
7439-95-4	Magnesium	1800	*	01/09/2025	1927
7439-96-5	Manganese	540	*	01/09/2025	1927
7440-02-0	Nickel	19		01/09/2025	1927
7440-09-7	Potassium	1100		01/09/2025	1927
7782-49-2	Selenium	9.0		01/09/2025	1927
7440-22-4	Silver	0.69	J*	01/09/2025	1927
7440-23-5	Sodium	450	U	01/09/2025	1927
7440-28-0	Thallium	2.2	U*	01/09/2025	1927
7440-62-2	Vanadium	23		01/09/2025	1927
7440-66-6	Zinc	370		01/09/2025	1927

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHN56

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHMZ9

Matrix: SOIL Lab Sample ID: P5207-18

% 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	7200		01/09/2025	1930
7440-36-0	Antimony	3.9	J	01/09/2025	1930
7440-38-2	Arsenic	16		01/09/2025	1930
7440-39-3	Barium	230		01/09/2025	1930
7440-41-7	Beryllium	0.73		01/09/2025	1930
7440-43-9	Cadmium	0.60		01/09/2025	1930
7440-70-2	Calcium	3300		01/09/2025	1930
7440-47-3	Chromium	13		01/09/2025	1930
7440-48-4	Cobalt	2.8	J*	01/09/2025	1930
7440-50-8	Copper	50	*	01/09/2025	1930
7439-89-6	Iron	17000		01/09/2025	1930
7439-92-1	Lead	200		01/09/2025	1930
7439-95-4	Magnesium	1900	*	01/09/2025	1930
7439-96-5	Manganese	560	*	01/09/2025	1930
7440-02-0	Nickel	16		01/09/2025	1930
7440-09-7	Potassium	790		01/09/2025	1930
7782-49-2	Selenium	9.9		01/09/2025	1930
7440-22-4	Silver	0.55	J*	01/09/2025	1930
7440-23-5	Sodium	480	U	01/09/2025	1930
7440-28-0	Thallium	2.4	U*	01/09/2025	1930
7440-62-2	Vanadium	21		01/09/2025	1930
7440-66-6	Zinc	210		01/09/2025	1930

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHN57

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHMZ9

Matrix: SOIL Lab Sample ID: P5207-19

% Solids: 89.1 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		01/09/2025	1934
7440-36-0	Antimony	3.7	J	01/09/2025	1934
7440-38-2	Arsenic	13		01/09/2025	1934
7440-39-3	Barium	130		01/09/2025	1934
7440-41-7	Beryllium	0.65		01/09/2025	1934
7440-43-9	Cadmium	0.37	J	01/09/2025	1934
7440-70-2	Calcium	2800		01/09/2025	1934
7440-47-3	Chromium	11		01/09/2025	1934
7440-48-4	Cobalt	2.6	J*	01/09/2025	1934
7440-50-8	Copper	25	*	01/09/2025	1934
7439-89-6	Iron	17000		01/09/2025	1934
7439-92-1	Lead	54		01/09/2025	1934
7439-95-4	Magnesium	2200	*	01/09/2025	1934
7439-96-5	Manganese	850	*	01/09/2025	1934
7440-02-0	Nickel	14		01/09/2025	1934
7440-09-7	Potassium	580		01/09/2025	1934
7782-49-2	Selenium	9.8		01/09/2025	1934
7440-22-4	Silver	0.45	J*	01/09/2025	1934
7440-23-5	Sodium	490	U	01/09/2025	1934
7440-28-0	Thallium	2.5	U*	01/09/2025	1934
7440-62-2	Vanadium	18		01/09/2025	1934
7440-66-6	Zinc	76		01/09/2025	1934

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHN58

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHMZ9

Matrix: SOIL Lab Sample ID: P5207-20

% Solids: 90.1 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		01/09/2025	1946
7440-36-0	Antimony	5.1	J	01/09/2025	1946
7440-38-2	Arsenic	17		01/09/2025	1946
7440-39-3	Barium	150		01/09/2025	1946
7440-41-7	Beryllium	0.62		01/09/2025	1946
7440-43-9	Cadmium	0.58		01/09/2025	1946
7440-70-2	Calcium	7000		01/09/2025	1946
7440-47-3	Chromium	12		01/09/2025	1946
7440-48-4	Cobalt	6.4	*	01/09/2025	1946
7440-50-8	Copper	31	*	01/09/2025	1946
7439-89-6	Iron	22000		01/09/2025	1946
7439-92-1	Lead	63		01/09/2025	1946
7439-95-4	Magnesium	3200	*	01/09/2025	1946
7439-96-5	Manganese	1800	*	01/09/2025	1946
7440-02-0	Nickel	20		01/09/2025	1946
7440-09-7	Potassium	690		01/09/2025	1946
7782-49-2	Selenium	13		01/09/2025	1946
7440-22-4	Silver	0.81	J*	01/09/2025	1946
7440-23-5	Sodium	480	U	01/09/2025	1946
7440-28-0	Thallium	2.4	U*	01/09/2025	1946
7440-62-2	Vanadium	19		01/09/2025	1946
7440-66-6	Zinc	90		01/09/2025	1946

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHN59

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHMZ9

Matrix: SOIL Lab Sample ID: P5207-21

% Solids: 93.5 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	4500		01/09/2025	1949
7440-36-0	Antimony	2.3	J	01/09/2025	1949
7440-38-2	Arsenic	4.5		01/09/2025	1949
7440-39-3	Barium	54		01/09/2025	1949
7440-41-7	Beryllium	0.40	J	01/09/2025	1949
7440-43-9	Cadmium	0.30	J	01/09/2025	1949
7440-70-2	Calcium	45000		01/09/2025	1949
7440-47-3	Chromium	7.8		01/09/2025	1949
7440-48-4	Cobalt	6.2	*	01/09/2025	1949
7440-50-8	Copper	11	*	01/09/2025	1949
7439-89-6	Iron	13000		01/09/2025	1949
7439-92-1	Lead	12		01/09/2025	1949
7439-95-4	Magnesium	8100	*	01/09/2025	1949
7439-96-5	Manganese	1100	*	01/09/2025	1949
7440-02-0	Nickel	15		01/09/2025	1949
7440-09-7	Potassium	870		01/09/2025	1949
7782-49-2	Selenium	3.8		01/09/2025	1949
7440-22-4	Silver	0.45	J*	01/09/2025	1949
7440-23-5	Sodium	440	U	01/09/2025	1949
7440-28-0	Thallium	0.68	J*	01/09/2025	1949
7440-62-2	Vanadium	11		01/09/2025	1949
7440-66-6	Zinc	34		01/09/2025	1949

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHN60

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHMZ9

Matrix: SOIL Lab Sample ID: P5207-22

% Solids: 92.5 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	5200		01/09/2025	1953
7440-36-0	Antimony	2.5	J	01/09/2025	1953
7440-38-2	Arsenic	6.2		01/09/2025	1953
7440-39-3	Barium	88		01/09/2025	1953
7440-41-7	Beryllium	0.42		01/09/2025	1953
7440-43-9	Cadmium	0.47		01/09/2025	1953
7440-70-2	Calcium	71000	D	01/10/2025	1611
7440-47-3	Chromium	9.5		01/09/2025	1953
7440-48-4	Cobalt	5.9	*	01/09/2025	1953
7440-50-8	Copper	17	*	01/09/2025	1953
7439-89-6	Iron	15000		01/09/2025	1953
7439-92-1	Lead	21		01/09/2025	1953
7439-95-4	Magnesium	30000	*	01/09/2025	1953
7439-96-5	Manganese	1600	*	01/09/2025	1953
7440-02-0	Nickel	17		01/09/2025	1953
7440-09-7	Potassium	890		01/09/2025	1953
7782-49-2	Selenium	5.3		01/09/2025	1953
7440-22-4	Silver	0.61	J*	01/09/2025	1953
7440-23-5	Sodium	120	J	01/09/2025	1953
7440-28-0	Thallium	1.9	U*	01/09/2025	1953
7440-62-2	Vanadium	12		01/09/2025	1953
7440-66-6	Zinc	49		01/09/2025	1953

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

Comments: