

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHMN6

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHMN6

Matrix: SOIL Lab Sample ID: P5198-01

% Solids: 71.3 Date Received: 12/07/2024

Analytical Method: ICP_AES

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	7700	*	01/09/2025	1957
7440-36-0	Antimony	5.0	J*	01/09/2025	1957
7440-38-2	Arsenic	23	*	01/09/2025	1957
7440-39-3	Barium	230	*	01/09/2025	1957
7440-41-7	Beryllium	0.87		01/09/2025	1957
7440-43-9	Cadmium	1.9		01/09/2025	1957
7440-70-2	Calcium	8300	*	01/09/2025	1957
7440-47-3	Chromium	19	*	01/09/2025	1957
7440-48-4	Cobalt	4.7	J	01/09/2025	1957
7440-50-8	Copper	49		01/09/2025	1957
7439-89-6	Iron	22000	*	01/09/2025	1957
7439-92-1	Lead	630		01/09/2025	1957
7439-95-4	Magnesium	3400	*	01/09/2025	1957
7439-96-5	Manganese	1300	*	01/09/2025	1957
7440-02-0	Nickel	25		01/09/2025	1957
7440-09-7	Potassium	910		01/09/2025	1957
7782-49-2	Selenium	11	*	01/09/2025	1957
7440-22-4	Silver	0.87	J*	01/09/2025	1957
7440-23-5	Sodium	550	U	01/09/2025	1957
7440-28-0	Thallium	2.7	U*	01/09/2025	1957
7440-62-2	Vanadium	22		01/09/2025	1957
7440-66-6	Zinc	570	*	01/09/2025	1957

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

Comments:

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MBHMN7

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHMN6

Matrix: SOIL Lab Sample ID: P5198-02

% Solids: 71.3 Date Received: 12/07/2024

Analytical Method: ICP_AES

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	7300	*	01/09/2025	2001
7440-36-0	Antimony	4.5	J*	01/09/2025	2001
7440-38-2	Arsenic	21	*	01/09/2025	2001
7440-39-3	Barium	210	*	01/09/2025	2001
7440-41-7	Beryllium	0.93		01/09/2025	2001
7440-43-9	Cadmium	2.7		01/09/2025	2001
7440-70-2	Calcium	12000	*	01/09/2025	2001
7440-47-3	Chromium	17	*	01/09/2025	2001
7440-48-4	Cobalt	5.6	J	01/09/2025	2001
7440-50-8	Copper	53		01/09/2025	2001
7439-89-6	Iron	22000	*	01/09/2025	2001
7439-92-1	Lead	540		01/09/2025	2001
7439-95-4	Magnesium	3600	*	01/09/2025	2001
7439-96-5	Manganese	1200	*	01/09/2025	2001
7440-02-0	Nickel	23		01/09/2025	2001
7440-09-7	Potassium	740		01/09/2025	2001
7782-49-2	Selenium	11	*	01/09/2025	2001
7440-22-4	Silver	0.98	J*	01/09/2025	2001
7440-23-5	Sodium	580	U	01/09/2025	2001
7440-28-0	Thallium	2.9	U*	01/09/2025	2001
7440-62-2	Vanadium	21		01/09/2025	2001
7440-66-6	Zinc	570	*	01/09/2025	2001

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

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MBHMN8

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHMN6

Matrix: SOIL Lab Sample ID: P5198-03

% 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	7000	*	01/09/2025	2005
7440-36-0	Antimony	4.4	J*	01/09/2025	2005
7440-38-2	Arsenic	23	*	01/09/2025	2005
7440-39-3	Barium	230	*	01/09/2025	2005
7440-41-7	Beryllium	0.89		01/09/2025	2005
7440-43-9	Cadmium	1.4		01/09/2025	2005
7440-70-2	Calcium	8300	*	01/09/2025	2005
7440-47-3	Chromium	16	*	01/09/2025	2005
7440-48-4	Cobalt	4.5	J	01/09/2025	2005
7440-50-8	Copper	51		01/09/2025	2005
7439-89-6	Iron	21000	*	01/09/2025	2005
7439-92-1	Lead	740		01/09/2025	2005
7439-95-4	Magnesium	2900	*	01/09/2025	2005
7439-96-5	Manganese	1200	*	01/09/2025	2005
7440-02-0	Nickel	20		01/09/2025	2005
7440-09-7	Potassium	720		01/09/2025	2005
7782-49-2	Selenium	11	*	01/09/2025	2005
7440-22-4	Silver	0.96	J*	01/09/2025	2005
7440-23-5	Sodium	540	U	01/09/2025	2005
7440-28-0	Thallium	2.7	U*	01/09/2025	2005
7440-62-2	Vanadium	23		01/09/2025	2005
7440-66-6	Zinc	420	*	01/09/2025	2005

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

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MBHMN9

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHMN6

Matrix: SOIL Lab Sample ID: P5198-04

% Solids: 79.7 Date Received: 12/07/2024

Analytical Method: ICP_AES

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	8100	*	01/09/2025	2008
7440-36-0	Antimony	4.0	J*	01/09/2025	2008
7440-38-2	Arsenic	17	*	01/09/2025	2008
7440-39-3	Barium	190	*	01/09/2025	2008
7440-41-7	Beryllium	0.76		01/09/2025	2008
7440-43-9	Cadmium	1.1		01/09/2025	2008
7440-70-2	Calcium	6200	*	01/09/2025	2008
7440-47-3	Chromium	12	*	01/09/2025	2008
7440-48-4	Cobalt	5.0		01/09/2025	2008
7440-50-8	Copper	23		01/09/2025	2008
7439-89-6	Iron	19000	*	01/09/2025	2008
7439-92-1	Lead	160		01/09/2025	2008
7439-95-4	Magnesium	2800	*	01/09/2025	2008
7439-96-5	Manganese	1600	*	01/09/2025	2008
7440-02-0	Nickel	17		01/09/2025	2008
7440-09-7	Potassium	720		01/09/2025	2008
7782-49-2	Selenium	9.9	*	01/09/2025	2008
7440-22-4	Silver	0.82	J*	01/09/2025	2008
7440-23-5	Sodium	480	U	01/09/2025	2008
7440-28-0	Thallium	2.4	U*	01/09/2025	2008
7440-62-2	Vanadium	18		01/09/2025	2008
7440-66-6	Zinc	140	*	01/09/2025	2008

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

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MBHMP0

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHMN6

Matrix: SOIL Lab Sample ID: P5198-05

% Solids: 79.2 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	8500	*	01/09/2025	1744
7440-36-0	Antimony	3.9	J*	01/09/2025	1744
7440-38-2	Arsenic	14	*	01/09/2025	1744
7440-39-3	Barium	170	*	01/09/2025	1744
7440-41-7	Beryllium	0.78		01/09/2025	1744
7440-43-9	Cadmium	0.89		01/09/2025	1744
7440-70-2	Calcium	6400	*	01/09/2025	1744
7440-47-3	Chromium	12	*	01/09/2025	1744
7440-48-4	Cobalt	5.0		01/09/2025	1744
7440-50-8	Copper	20		01/09/2025	1744
7439-89-6	Iron	19000	*	01/09/2025	1744
7439-92-1	Lead	120		01/09/2025	1744
7439-95-4	Magnesium	2500	*	01/09/2025	1744
7439-96-5	Manganese	1500	*	01/09/2025	1744
7440-02-0	Nickel	16		01/09/2025	1744
7440-09-7	Potassium	530		01/09/2025	1744
7782-49-2	Selenium	10	*	01/09/2025	1744
7440-22-4	Silver	0.66	J*	01/09/2025	1744
7440-23-5	Sodium	440	U	01/09/2025	1744
7440-28-0	Thallium	2.2	U*	01/09/2025	1744
7440-62-2	Vanadium	18		01/09/2025	1744
7440-66-6	Zinc	130	*	01/09/2025	1744

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

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MBHMP1

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHMN6

Matrix: SOIL Lab Sample ID: P5198-08

% Solids: 84.7 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	2012
7440-36-0	Antimony	2.0	J*	01/09/2025	2012
7440-38-2	Arsenic	7.3	*	01/09/2025	2012
7440-39-3	Barium	110	*	01/09/2025	2012
7440-41-7	Beryllium	0.53		01/09/2025	2012
7440-43-9	Cadmium	0.48	J	01/09/2025	2012
7440-70-2	Calcium	55000	*	01/09/2025	2012
7440-47-3	Chromium	9.6	*	01/09/2025	2012
7440-48-4	Cobalt	6.1		01/09/2025	2012
7440-50-8	Copper	14		01/09/2025	2012
7439-89-6	Iron	14000	*	01/09/2025	2012
7439-92-1	Lead	60		01/09/2025	2012
7439-95-4	Magnesium	12000	*	01/09/2025	2012
7439-96-5	Manganese	1000	*	01/09/2025	2012
7440-02-0	Nickel	12		01/09/2025	2012
7440-09-7	Potassium	560		01/09/2025	2012
7782-49-2	Selenium	2.8	J*	01/09/2025	2012
7440-22-4	Silver	0.49	J*	01/09/2025	2012
7440-23-5	Sodium	520	U	01/09/2025	2012
7440-28-0	Thallium	2.6	U*	01/09/2025	2012
7440-62-2	Vanadium	14		01/09/2025	2012
7440-66-6	Zinc	77	*	01/09/2025	2012

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

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MBHMP2

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHMN6

Matrix: SOIL Lab Sample ID: P5198-09

% 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	3700	*	01/09/2025	2016
7440-36-0	Antimony	1.0	J*	01/09/2025	2016
7440-38-2	Arsenic	3.2	*	01/09/2025	2016
7440-39-3	Barium	44	*	01/09/2025	2016
7440-41-7	Beryllium	0.31	J	01/09/2025	2016
7440-43-9	Cadmium	0.32	J	01/09/2025	2016
7440-70-2	Calcium	120000	D*	01/10/2025	1615
7440-47-3	Chromium	6.9	*	01/09/2025	2016
7440-48-4	Cobalt	5.8		01/09/2025	2016
7440-50-8	Copper	16		01/09/2025	2016
7439-89-6	Iron	8900	*	01/09/2025	2016
7439-92-1	Lead	28		01/09/2025	2016
7439-95-4	Magnesium	18000	*	01/09/2025	2016
7439-96-5	Manganese	700	*	01/09/2025	2016
7440-02-0	Nickel	10		01/09/2025	2016
7440-09-7	Potassium	680		01/09/2025	2016
7782-49-2	Selenium	3.1	U*	01/09/2025	2016
7440-22-4	Silver	0.25	J*	01/09/2025	2016
7440-23-5	Sodium	130	J	01/09/2025	2016
7440-28-0	Thallium	1.9	J*	01/09/2025	2016
7440-62-2	Vanadium	9.4		01/09/2025	2016
7440-66-6	Zinc	53	*	01/09/2025	2016

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

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MBHMP3

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHMN6

Matrix: SOIL Lab Sample ID: P5198-10

% Solids: 70.4 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	8300	*	01/09/2025	2020
7440-36-0	Antimony	2.8	J*	01/09/2025	2020
7440-38-2	Arsenic	7.3	*	01/09/2025	2020
7440-39-3	Barium	79	*	01/09/2025	2020
7440-41-7	Beryllium	0.55		01/09/2025	2020
7440-43-9	Cadmium	0.30	J	01/09/2025	2020
7440-70-2	Calcium	3200	*	01/09/2025	2020
7440-47-3	Chromium	13	*	01/09/2025	2020
7440-48-4	Cobalt	2.2	J	01/09/2025	2020
7440-50-8	Copper	15		01/09/2025	2020
7439-89-6	Iron	14000	*	01/09/2025	2020
7439-92-1	Lead	29		01/09/2025	2020
7439-95-4	Magnesium	2200	*	01/09/2025	2020
7439-96-5	Manganese	450	*	01/09/2025	2020
7440-02-0	Nickel	17		01/09/2025	2020
7440-09-7	Potassium	460	J	01/09/2025	2020
7782-49-2	Selenium	7.3	*	01/09/2025	2020
7440-22-4	Silver	0.41	J*	01/09/2025	2020
7440-23-5	Sodium	490	U	01/09/2025	2020
7440-28-0	Thallium	2.4	U*	01/09/2025	2020
7440-62-2	Vanadium	17		01/09/2025	2020
7440-66-6	Zinc	40	*	01/09/2025	2020

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

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MBHMP4

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHMN6
 Matrix: SOIL Lab Sample ID: P5198-11
 % Solids: 75.8 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	8500	*	01/09/2025	2024
7440-36-0	Antimony	2.8	J*	01/09/2025	2024
7440-38-2	Arsenic	6.4	*	01/09/2025	2024
7440-39-3	Barium	75	*	01/09/2025	2024
7440-41-7	Beryllium	0.57		01/09/2025	2024
7440-43-9	Cadmium	0.29	J	01/09/2025	2024
7440-70-2	Calcium	3000	*	01/09/2025	2024
7440-47-3	Chromium	14	*	01/09/2025	2024
7440-48-4	Cobalt	1.9	J	01/09/2025	2024
7440-50-8	Copper	14		01/09/2025	2024
7439-89-6	Iron	14000	*	01/09/2025	2024
7439-92-1	Lead	29		01/09/2025	2024
7439-95-4	Magnesium	2300	*	01/09/2025	2024
7439-96-5	Manganese	430	*	01/09/2025	2024
7440-02-0	Nickel	18		01/09/2025	2024
7440-09-7	Potassium	430	J	01/09/2025	2024
7782-49-2	Selenium	7.2	*	01/09/2025	2024
7440-22-4	Silver	0.27	J*	01/09/2025	2024
7440-23-5	Sodium	500	U	01/09/2025	2024
7440-28-0	Thallium	2.5	U*	01/09/2025	2024
7440-62-2	Vanadium	17		01/09/2025	2024
7440-66-6	Zinc	42	*	01/09/2025	2024

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

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MBHMP5

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHMN6

Matrix: SOIL Lab Sample ID: P5198-12

% Solids: 81.9 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	12000	*	01/09/2025	2027
7440-36-0	Antimony	4.8	J*	01/09/2025	2027
7440-38-2	Arsenic	8.1	*	01/09/2025	2027
7440-39-3	Barium	110	*	01/09/2025	2027
7440-41-7	Beryllium	0.46	J	01/09/2025	2027
7440-43-9	Cadmium	0.42	J	01/09/2025	2027
7440-70-2	Calcium	2500	*	01/09/2025	2027
7440-47-3	Chromium	16	*	01/09/2025	2027
7440-48-4	Cobalt	16		01/09/2025	2027
7440-50-8	Copper	8.6		01/09/2025	2027
7439-89-6	Iron	24000	*	01/09/2025	2027
7439-92-1	Lead	29		01/09/2025	2027
7439-95-4	Magnesium	2300	*	01/09/2025	2027
7439-96-5	Manganese	7300	D*	01/10/2025	1626
7440-02-0	Nickel	16		01/09/2025	2027
7440-09-7	Potassium	410	J	01/09/2025	2027
7782-49-2	Selenium	18	*	01/09/2025	2027
7440-22-4	Silver	1.3	*	01/09/2025	2027
7440-23-5	Sodium	550	U	01/09/2025	2027
7440-28-0	Thallium	2.7	U*	01/09/2025	2027
7440-62-2	Vanadium	23		01/09/2025	2027
7440-66-6	Zinc	43	*	01/09/2025	2027

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

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MBHMW0

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHMN6

Matrix: SOIL Lab Sample ID: P5198-13

% Solids: 76.1 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	2031
7440-36-0	Antimony	5.0	J*	01/09/2025	2031
7440-38-2	Arsenic	16	*	01/09/2025	2031
7440-39-3	Barium	64	*	01/09/2025	2031
7440-41-7	Beryllium	0.60		01/09/2025	2031
7440-43-9	Cadmium	0.46		01/09/2025	2031
7440-70-2	Calcium	4100	*	01/09/2025	2031
7440-47-3	Chromium	9.9	*	01/09/2025	2031
7440-48-4	Cobalt	1.4	J	01/09/2025	2031
7440-50-8	Copper	26		01/09/2025	2031
7439-89-6	Iron	21000	*	01/09/2025	2031
7439-92-1	Lead	91		01/09/2025	2031
7439-95-4	Magnesium	1900	*	01/09/2025	2031
7439-96-5	Manganese	890	*	01/09/2025	2031
7440-02-0	Nickel	17		01/09/2025	2031
7440-09-7	Potassium	680		01/09/2025	2031
7782-49-2	Selenium	11	*	01/09/2025	2031
7440-22-4	Silver	0.55	J*	01/09/2025	2031
7440-23-5	Sodium	460	U	01/09/2025	2031
7440-28-0	Thallium	2.3	U*	01/09/2025	2031
7440-62-2	Vanadium	16		01/09/2025	2031
7440-66-6	Zinc	54	*	01/09/2025	2031

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHMW1

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHMN6

Matrix: SOIL Lab Sample ID: P5198-14

% 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	6600	*	01/09/2025	2035
7440-36-0	Antimony	3.7	J*	01/09/2025	2035
7440-38-2	Arsenic	20	*	01/09/2025	2035
7440-39-3	Barium	80	*	01/09/2025	2035
7440-41-7	Beryllium	0.61		01/09/2025	2035
7440-43-9	Cadmium	0.52	J	01/09/2025	2035
7440-70-2	Calcium	4200	*	01/09/2025	2035
7440-47-3	Chromium	9.9	*	01/09/2025	2035
7440-48-4	Cobalt	5.4		01/09/2025	2035
7440-50-8	Copper	27		01/09/2025	2035
7439-89-6	Iron	17000	*	01/09/2025	2035
7439-92-1	Lead	94		01/09/2025	2035
7439-95-4	Magnesium	2300	*	01/09/2025	2035
7439-96-5	Manganese	1400	*	01/09/2025	2035
7440-02-0	Nickel	14		01/09/2025	2035
7440-09-7	Potassium	770		01/09/2025	2035
7782-49-2	Selenium	9.3	*	01/09/2025	2035
7440-22-4	Silver	0.56	J*	01/09/2025	2035
7440-23-5	Sodium	540	U	01/09/2025	2035
7440-28-0	Thallium	2.7	U*	01/09/2025	2035
7440-62-2	Vanadium	17		01/09/2025	2035
7440-66-6	Zinc	59	*	01/09/2025	2035

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHMW2

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHMN6

Matrix: SOIL Lab Sample ID: P5198-15

% Solids: 82 Date Received: 12/07/2024

Analytical Method: ICP_AES

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	7600	*	01/09/2025	2039
7440-36-0	Antimony	4.4	J*	01/09/2025	2039
7440-38-2	Arsenic	16	*	01/09/2025	2039
7440-39-3	Barium	63	*	01/09/2025	2039
7440-41-7	Beryllium	0.62		01/09/2025	2039
7440-43-9	Cadmium	0.43	J	01/09/2025	2039
7440-70-2	Calcium	3600	*	01/09/2025	2039
7440-47-3	Chromium	10	*	01/09/2025	2039
7440-48-4	Cobalt	4.8	J	01/09/2025	2039
7440-50-8	Copper	24		01/09/2025	2039
7439-89-6	Iron	21000	*	01/09/2025	2039
7439-92-1	Lead	39		01/09/2025	2039
7439-95-4	Magnesium	2600	*	01/09/2025	2039
7439-96-5	Manganese	1700	*	01/09/2025	2039
7440-02-0	Nickel	14		01/09/2025	2039
7440-09-7	Potassium	650		01/09/2025	2039
7782-49-2	Selenium	12	*	01/09/2025	2039
7440-22-4	Silver	0.76	J*	01/09/2025	2039
7440-23-5	Sodium	540	U	01/09/2025	2039
7440-28-0	Thallium	2.7	U*	01/09/2025	2039
7440-62-2	Vanadium	17		01/09/2025	2039
7440-66-6	Zinc	51	*	01/09/2025	2039

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHMMW3

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHMN6
 Matrix: SOIL Lab Sample ID: P5198-16
 % 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	6000	*	01/13/2025	1713
7440-36-0	Antimony	2.4	J*	01/13/2025	1713
7440-38-2	Arsenic	14	*	01/13/2025	1713
7440-39-3	Barium	55	*	01/13/2025	1713
7440-41-7	Beryllium	0.74		01/13/2025	1713
7440-43-9	Cadmium	0.62		01/13/2025	1713
7440-70-2	Calcium	34000	*	01/13/2025	1713
7440-47-3	Chromium	9.4	*	01/13/2025	1713
7440-48-4	Cobalt	7.4		01/13/2025	1713
7440-50-8	Copper	21		01/13/2025	1713
7439-89-6	Iron	17000	*	01/13/2025	1713
7439-92-1	Lead	32		01/13/2025	1713
7439-95-4	Magnesium	2400	*	01/13/2025	1713
7439-96-5	Manganese	1800	*	01/13/2025	1713
7440-02-0	Nickel	15		01/13/2025	1713
7440-09-7	Potassium	500	U	01/13/2025	1713
7782-49-2	Selenium	9.5	*	01/13/2025	1713
7440-22-4	Silver	0.99	U*	01/13/2025	1713
7440-23-5	Sodium	100	J	01/13/2025	1713
7440-28-0	Thallium	2.5	U*	01/13/2025	1713
7440-62-2	Vanadium	5.5		01/13/2025	1713
7440-66-6	Zinc	51	*	01/13/2025	1713

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHMMW4

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHMN6

Matrix: SOIL Lab Sample ID: P5198-17

% Solids: 89.7 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	2700	*	01/09/2025	2046
7440-36-0	Antimony	1.1	J*	01/09/2025	2046
7440-38-2	Arsenic	9.1	*	01/09/2025	2046
7440-39-3	Barium	30	*	01/09/2025	2046
7440-41-7	Beryllium	0.29	J	01/09/2025	2046
7440-43-9	Cadmium	0.31	J	01/09/2025	2046
7440-70-2	Calcium	230000	D*	01/10/2025	1645
7440-47-3	Chromium	4.3	*	01/09/2025	2046
7440-48-4	Cobalt	8.0		01/09/2025	2046
7440-50-8	Copper	23		01/09/2025	2046
7439-89-6	Iron	13000	*	01/09/2025	2046
7439-92-1	Lead	22		01/09/2025	2046
7439-95-4	Magnesium	10000	*	01/09/2025	2046
7439-96-5	Manganese	1200	*	01/09/2025	2046
7440-02-0	Nickel	12		01/09/2025	2046
7440-09-7	Potassium	340	J	01/09/2025	2046
7782-49-2	Selenium	1.9	J*	01/09/2025	2046
7440-22-4	Silver	0.46	J*	01/09/2025	2046
7440-23-5	Sodium	180	J	01/09/2025	2046
7440-28-0	Thallium	1.4	J*	01/09/2025	2046
7440-62-2	Vanadium	7.4		01/09/2025	2046
7440-66-6	Zinc	62	*	01/09/2025	2046

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHMMW8

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHMN6

Matrix: SOIL Lab Sample ID: P5198-18

% 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	8800	*	01/09/2025	2050
7440-36-0	Antimony	3.0	J*	01/09/2025	2050
7440-38-2	Arsenic	6.4	*	01/09/2025	2050
7440-39-3	Barium	80	*	01/09/2025	2050
7440-41-7	Beryllium	0.55		01/09/2025	2050
7440-43-9	Cadmium	0.26	J	01/09/2025	2050
7440-70-2	Calcium	3400	*	01/09/2025	2050
7440-47-3	Chromium	12	*	01/09/2025	2050
7440-48-4	Cobalt	1.7	J	01/09/2025	2050
7440-50-8	Copper	15		01/09/2025	2050
7439-89-6	Iron	14000	*	01/09/2025	2050
7439-92-1	Lead	30		01/09/2025	2050
7439-95-4	Magnesium	2300	*	01/09/2025	2050
7439-96-5	Manganese	470	*	01/09/2025	2050
7440-02-0	Nickel	17		01/09/2025	2050
7440-09-7	Potassium	490	J	01/09/2025	2050
7782-49-2	Selenium	7.8	*	01/09/2025	2050
7440-22-4	Silver	0.33	J*	01/09/2025	2050
7440-23-5	Sodium	510	U	01/09/2025	2050
7440-28-0	Thallium	2.6	U*	01/09/2025	2050
7440-62-2	Vanadium	18		01/09/2025	2050
7440-66-6	Zinc	43	*	01/09/2025	2050

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHMW9

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHMN6

Matrix: SOIL Lab Sample ID: P5198-19

% Solids: 83.1 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	8000	*	01/09/2025	2054
7440-36-0	Antimony	3.6	J*	01/09/2025	2054
7440-38-2	Arsenic	13	*	01/09/2025	2054
7440-39-3	Barium	110	*	01/09/2025	2054
7440-41-7	Beryllium	0.66		01/09/2025	2054
7440-43-9	Cadmium	0.52		01/09/2025	2054
7440-70-2	Calcium	3300	*	01/09/2025	2054
7440-47-3	Chromium	12	*	01/09/2025	2054
7440-48-4	Cobalt	3.4	J	01/09/2025	2054
7440-50-8	Copper	33		01/09/2025	2054
7439-89-6	Iron	16000	*	01/09/2025	2054
7439-92-1	Lead	140		01/09/2025	2054
7439-95-4	Magnesium	2000	*	01/09/2025	2054
7439-96-5	Manganese	590	*	01/09/2025	2054
7440-02-0	Nickel	13		01/09/2025	2054
7440-09-7	Potassium	820		01/09/2025	2054
7782-49-2	Selenium	9.4	*	01/09/2025	2054
7440-22-4	Silver	0.56	J*	01/09/2025	2054
7440-23-5	Sodium	430	U	01/09/2025	2054
7440-28-0	Thallium	2.2	U*	01/09/2025	2054
7440-62-2	Vanadium	19		01/09/2025	2054
7440-66-6	Zinc	99	*	01/09/2025	2054

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

Comments: