

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHJ97

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJ97

Matrix: SOIL Lab Sample ID: P4983-01

% Solids: 90.6 Date Received: 11/23/2024

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	3100		12/13/2024	1713
7440-36-0	Antimony	0.54	J*	12/13/2024	1713
7440-38-2	Arsenic	4.6		12/13/2024	1713
7440-39-3	Barium	29		12/13/2024	1713
7440-41-7	Beryllium	0.27	J	12/13/2024	1713
7440-43-9	Cadmium	0.36	J	12/13/2024	1713
7440-70-2	Calcium	100000	D	12/15/2024	2042
7440-47-3	Chromium	5.2		12/13/2024	1713
7440-48-4	Cobalt	9.3	*	12/13/2024	1713
7440-50-8	Copper	16		12/13/2024	1713
7439-89-6	Iron	9600		12/13/2024	1713
7439-92-1	Lead	25		12/13/2024	1713
7439-95-4	Magnesium	28000		12/13/2024	1713
7439-96-5	Manganese	1200		12/13/2024	1713
7440-02-0	Nickel	9.9		12/13/2024	1713
7440-09-7	Potassium	330	J	12/13/2024	1713
7782-49-2	Selenium	3.4	U*	12/13/2024	1713
7440-22-4	Silver	0.96	U*	12/13/2024	1713
7440-23-5	Sodium	390	J	12/13/2024	1713
7440-28-0	Thallium	3.9		12/13/2024	1713
7440-62-2	Vanadium	6.7		12/13/2024	1713
7440-66-6	Zinc	36		12/13/2024	1713

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

Comments:

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MBHJB6

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJ97

Matrix: SOIL Lab Sample ID: P4983-05

% Solids: 80.8 Date Received: 11/23/2024

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		12/13/2024	1728
7440-36-0	Antimony	3.4	J*	12/13/2024	1728
7440-38-2	Arsenic	29		12/13/2024	1728
7440-39-3	Barium	88		12/13/2024	1728
7440-41-7	Beryllium	0.68		12/13/2024	1728
7440-43-9	Cadmium	0.68		12/13/2024	1728
7440-70-2	Calcium	96000	D	12/15/2024	2057
7440-47-3	Chromium	8.9		12/13/2024	1728
7440-48-4	Cobalt	21	*	12/13/2024	1728
7440-50-8	Copper	99		12/13/2024	1728
7439-89-6	Iron	22000		12/13/2024	1728
7439-92-1	Lead	42		12/13/2024	1728
7439-95-4	Magnesium	9200		12/13/2024	1728
7439-96-5	Manganese	2700		12/13/2024	1728
7440-02-0	Nickel	24		12/13/2024	1728
7440-09-7	Potassium	840		12/13/2024	1728
7782-49-2	Selenium	3.3	U*	12/13/2024	1728
7440-22-4	Silver	0.95	U*	12/13/2024	1728
7440-23-5	Sodium	310	J	12/13/2024	1728
7440-28-0	Thallium	6.0		12/13/2024	1728
7440-62-2	Vanadium	15		12/13/2024	1728
7440-66-6	Zinc	52		12/13/2024	1728

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

Comments:

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MBHJC3

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJ97

Matrix: SOIL Lab Sample ID: P4983-02

% Solids: 85.6 Date Received: 11/23/2024

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	4900		12/13/2024	1717
7440-36-0	Antimony	2.4	J*	12/13/2024	1717
7440-38-2	Arsenic	12		12/13/2024	1717
7440-39-3	Barium	110		12/13/2024	1717
7440-41-7	Beryllium	0.53		12/13/2024	1717
7440-43-9	Cadmium	0.71		12/13/2024	1717
7440-70-2	Calcium	64000		12/13/2024	1717
7440-47-3	Chromium	7.8		12/13/2024	1717
7440-48-4	Cobalt	12	*	12/13/2024	1717
7440-50-8	Copper	36		12/13/2024	1717
7439-89-6	Iron	16000		12/13/2024	1717
7439-92-1	Lead	78		12/13/2024	1717
7439-95-4	Magnesium	6900		12/13/2024	1717
7439-96-5	Manganese	1900		12/13/2024	1717
7440-02-0	Nickel	17		12/13/2024	1717
7440-09-7	Potassium	540		12/13/2024	1717
7782-49-2	Selenium	2.9	U*	12/13/2024	1717
7440-22-4	Silver	0.84	U*	12/13/2024	1717
7440-23-5	Sodium	220	J	12/13/2024	1717
7440-28-0	Thallium	4.4		12/13/2024	1717
7440-62-2	Vanadium	13		12/13/2024	1717
7440-66-6	Zinc	57		12/13/2024	1717

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

Comments:

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MBHJE5

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJ97

Matrix: SOIL Lab Sample ID: P4983-03

% Solids: 91.6 Date Received: 11/23/2024

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		12/13/2024	1721
7440-36-0	Antimony	2.1	J*	12/13/2024	1721
7440-38-2	Arsenic	6.7		12/13/2024	1721
7440-39-3	Barium	59		12/13/2024	1721
7440-41-7	Beryllium	0.45		12/13/2024	1721
7440-43-9	Cadmium	0.40		12/13/2024	1721
7440-70-2	Calcium	44000		12/13/2024	1721
7440-47-3	Chromium	6.7		12/13/2024	1721
7440-48-4	Cobalt	11	*	12/13/2024	1721
7440-50-8	Copper	18		12/13/2024	1721
7439-89-6	Iron	14000		12/13/2024	1721
7439-92-1	Lead	25		12/13/2024	1721
7439-95-4	Magnesium	5800		12/13/2024	1721
7439-96-5	Manganese	1500		12/13/2024	1721
7440-02-0	Nickel	14		12/13/2024	1721
7440-09-7	Potassium	210	J	12/13/2024	1721
7782-49-2	Selenium	2.8	U*	12/13/2024	1721
7440-22-4	Silver	0.79	U*	12/13/2024	1721
7440-23-5	Sodium	170	J	12/13/2024	1721
7440-28-0	Thallium	3.5		12/13/2024	1721
7440-62-2	Vanadium	11		12/13/2024	1721
7440-66-6	Zinc	23		12/13/2024	1721

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

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MBHJE6

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJ97

Matrix: SOIL Lab Sample ID: P4983-04

% Solids: 82.7 Date Received: 11/23/2024

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	3100		12/13/2024	1724
7440-36-0	Antimony	1.3	J*	12/13/2024	1724
7440-38-2	Arsenic	6.9		12/13/2024	1724
7440-39-3	Barium	64		12/13/2024	1724
7440-41-7	Beryllium	0.31	J	12/13/2024	1724
7440-43-9	Cadmium	0.52		12/13/2024	1724
7440-70-2	Calcium	170000	D	12/15/2024	2207
7440-47-3	Chromium	4.7		12/13/2024	1724
7440-48-4	Cobalt	9.4	*	12/13/2024	1724
7440-50-8	Copper	28		12/13/2024	1724
7439-89-6	Iron	14000		12/13/2024	1724
7439-92-1	Lead	35		12/13/2024	1724
7439-95-4	Magnesium	12000		12/13/2024	1724
7439-96-5	Manganese	2200		12/13/2024	1724
7440-02-0	Nickel	11		12/13/2024	1724
7440-09-7	Potassium	190	J	12/13/2024	1724
7782-49-2	Selenium	3.5	U*	12/13/2024	1724
7440-22-4	Silver	1.0	U*	12/13/2024	1724
7440-23-5	Sodium	290	J	12/13/2024	1724
7440-28-0	Thallium	5.8		12/13/2024	1724
7440-62-2	Vanadium	8.4		12/13/2024	1724
7440-66-6	Zinc	40		12/13/2024	1724

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

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MBHJE7

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJ97

Matrix: SOIL Lab Sample ID: P4983-06

% Solids: 81.7 Date Received: 11/23/2024

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		12/13/2024	1732
7440-36-0	Antimony	3.6	J*	12/13/2024	1732
7440-38-2	Arsenic	23		12/13/2024	1732
7440-39-3	Barium	75		12/13/2024	1732
7440-41-7	Beryllium	0.74		12/13/2024	1732
7440-43-9	Cadmium	0.51	J	12/13/2024	1732
7440-70-2	Calcium	12000		12/13/2024	1732
7440-47-3	Chromium	9.1		12/13/2024	1732
7440-48-4	Cobalt	16	*	12/13/2024	1732
7440-50-8	Copper	69		12/13/2024	1732
7439-89-6	Iron	22000		12/13/2024	1732
7439-92-1	Lead	43		12/13/2024	1732
7439-95-4	Magnesium	4900		12/13/2024	1732
7439-96-5	Manganese	1700		12/13/2024	1732
7440-02-0	Nickel	17		12/13/2024	1732
7440-09-7	Potassium	540		12/13/2024	1732
7782-49-2	Selenium	3.8	U*	12/13/2024	1732
7440-22-4	Silver	1.1	U*	12/13/2024	1732
7440-23-5	Sodium	250	J	12/13/2024	1732
7440-28-0	Thallium	2.8		12/13/2024	1732
7440-62-2	Vanadium	17		12/13/2024	1732
7440-66-6	Zinc	41		12/13/2024	1732

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

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MBHJF9

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJ97

Matrix: SOIL Lab Sample ID: P4983-07

% Solids: 87.7 Date Received: 11/23/2024

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	5100		12/13/2024	1737
7440-36-0	Antimony	1.3	J*	12/13/2024	1737
7440-38-2	Arsenic	5.2		12/13/2024	1737
7440-39-3	Barium	71		12/13/2024	1737
7440-41-7	Beryllium	0.46		12/13/2024	1737
7440-43-9	Cadmium	0.62		12/13/2024	1737
7440-70-2	Calcium	120000	D	12/15/2024	2101
7440-47-3	Chromium	8.7		12/13/2024	1737
7440-48-4	Cobalt	9.0	*	12/13/2024	1737
7440-50-8	Copper	13		12/13/2024	1737
7439-89-6	Iron	13000		12/13/2024	1737
7439-92-1	Lead	39		12/13/2024	1737
7439-95-4	Magnesium	55000		12/13/2024	1737
7439-96-5	Manganese	740		12/13/2024	1737
7440-02-0	Nickel	16		12/13/2024	1737
7440-09-7	Potassium	560		12/13/2024	1737
7782-49-2	Selenium	2.9	U*	12/13/2024	1737
7440-22-4	Silver	0.84	U*	12/13/2024	1737
7440-23-5	Sodium	220	J	12/13/2024	1737
7440-28-0	Thallium	2.4		12/13/2024	1737
7440-62-2	Vanadium	11		12/13/2024	1737
7440-66-6	Zinc	96		12/13/2024	1737

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

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MBHJG0

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJ97

Matrix: SOIL Lab Sample ID: P4983-08

% Solids: 81.3 Date Received: 11/23/2024

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	9100		12/13/2024	1811
7440-36-0	Antimony	3.4	J*	12/13/2024	1811
7440-38-2	Arsenic	6.0		12/13/2024	1811
7440-39-3	Barium	240		12/13/2024	1811
7440-41-7	Beryllium	0.76		12/13/2024	1811
7440-43-9	Cadmium	2.2		12/13/2024	1811
7440-70-2	Calcium	74000		12/13/2024	1811
7440-47-3	Chromium	15		12/13/2024	1811
7440-48-4	Cobalt	21	*	12/13/2024	1811
7440-50-8	Copper	22		12/13/2024	1811
7439-89-6	Iron	22000		12/13/2024	1811
7439-92-1	Lead	47		12/13/2024	1811
7439-95-4	Magnesium	22000		12/13/2024	1811
7439-96-5	Manganese	2700		12/13/2024	1811
7440-02-0	Nickel	33		12/13/2024	1811
7440-09-7	Potassium	300	J	12/13/2024	1811
7782-49-2	Selenium	3.3	U*	12/13/2024	1811
7440-22-4	Silver	0.94	U*	12/13/2024	1811
7440-23-5	Sodium	250	J	12/13/2024	1811
7440-28-0	Thallium	5.1		12/13/2024	1811
7440-62-2	Vanadium	19		12/13/2024	1811
7440-66-6	Zinc	120		12/13/2024	1811

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

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MBHJG1

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJ97

Matrix: SOIL Lab Sample ID: P4983-09

% Solids: 80.8 Date Received: 11/23/2024

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		12/13/2024	1815
7440-36-0	Antimony	3.6	J*	12/13/2024	1815
7440-38-2	Arsenic	3.9		12/13/2024	1815
7440-39-3	Barium	190		12/13/2024	1815
7440-41-7	Beryllium	1.0		12/13/2024	1815
7440-43-9	Cadmium	0.97		12/13/2024	1815
7440-70-2	Calcium	70000		12/13/2024	1815
7440-47-3	Chromium	17		12/13/2024	1815
7440-48-4	Cobalt	16	*	12/13/2024	1815
7440-50-8	Copper	25		12/13/2024	1815
7439-89-6	Iron	24000		12/13/2024	1815
7439-92-1	Lead	25		12/13/2024	1815
7439-95-4	Magnesium	9800		12/13/2024	1815
7439-96-5	Manganese	640		12/13/2024	1815
7440-02-0	Nickel	31		12/13/2024	1815
7440-09-7	Potassium	230	J	12/13/2024	1815
7782-49-2	Selenium	4.2	U*	12/13/2024	1815
7440-22-4	Silver	1.2	U*	12/13/2024	1815
7440-23-5	Sodium	240	J	12/13/2024	1815
7440-28-0	Thallium	2.3	J	12/13/2024	1815
7440-62-2	Vanadium	23		12/13/2024	1815
7440-66-6	Zinc	120		12/13/2024	1815

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

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MBHJG2

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJ97

Matrix: SOIL Lab Sample ID: P4983-10

% Solids: 80.2 Date Received: 11/23/2024

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		12/11/2024	1803
7440-36-0	Antimony	5.4	U*	12/11/2024	1803
7440-38-2	Arsenic	3.4		12/11/2024	1803
7440-39-3	Barium	170		12/11/2024	1803
7440-41-7	Beryllium	1.1		12/11/2024	1803
7440-43-9	Cadmium	0.64		12/11/2024	1803
7440-70-2	Calcium	68000		12/11/2024	1803
7440-47-3	Chromium	17		12/11/2024	1803
7440-48-4	Cobalt	14	*	12/11/2024	1803
7440-50-8	Copper	25		12/11/2024	1803
7439-89-6	Iron	24000		12/11/2024	1803
7439-92-1	Lead	24		12/11/2024	1803
7439-95-4	Magnesium	13000		12/11/2024	1803
7439-96-5	Manganese	440		12/11/2024	1803
7440-02-0	Nickel	30		12/11/2024	1803
7440-09-7	Potassium	400	J	12/11/2024	1803
7782-49-2	Selenium	3.2	U*	12/11/2024	1803
7440-22-4	Silver	0.90	U*	12/11/2024	1803
7440-23-5	Sodium	450	U	12/11/2024	1803
7440-28-0	Thallium	2.3	U	12/11/2024	1803
7440-62-2	Vanadium	22		12/11/2024	1803
7440-66-6	Zinc	110		12/11/2024	1803

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

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MBHJG3

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJ97

Matrix: SOIL Lab Sample ID: P4983-13

% Solids: 84.5 Date Received: 11/23/2024

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	9000		12/13/2024	1818
7440-36-0	Antimony	2.5	J*	12/13/2024	1818
7440-38-2	Arsenic	3.6		12/13/2024	1818
7440-39-3	Barium	130		12/13/2024	1818
7440-41-7	Beryllium	0.77		12/13/2024	1818
7440-43-9	Cadmium	0.87		12/13/2024	1818
7440-70-2	Calcium	110000	D	12/15/2024	2105
7440-47-3	Chromium	14		12/13/2024	1818
7440-48-4	Cobalt	13	*	12/13/2024	1818
7440-50-8	Copper	19		12/13/2024	1818
7439-89-6	Iron	19000		12/13/2024	1818
7439-92-1	Lead	30		12/13/2024	1818
7439-95-4	Magnesium	40000		12/13/2024	1818
7439-96-5	Manganese	660		12/13/2024	1818
7440-02-0	Nickel	24		12/13/2024	1818
7440-09-7	Potassium	350	J	12/13/2024	1818
7782-49-2	Selenium	3.1	U*	12/13/2024	1818
7440-22-4	Silver	0.89	U*	12/13/2024	1818
7440-23-5	Sodium	260	J	12/13/2024	1818
7440-28-0	Thallium	2.3		12/13/2024	1818
7440-62-2	Vanadium	16		12/13/2024	1818
7440-66-6	Zinc	130		12/13/2024	1818

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHJG4

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJ97

Matrix: SOIL Lab Sample ID: P4983-14

% Solids: 94.9 Date Received: 11/23/2024

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	1900		12/13/2024	1822
7440-36-0	Antimony	0.47	J*	12/13/2024	1822
7440-38-2	Arsenic	3.7		12/13/2024	1822
7440-39-3	Barium	17	J	12/13/2024	1822
7440-41-7	Beryllium	0.28	J	12/13/2024	1822
7440-43-9	Cadmium	0.59		12/13/2024	1822
7440-70-2	Calcium	140000	D	12/15/2024	2109
7440-47-3	Chromium	5.0		12/13/2024	1822
7440-48-4	Cobalt	7.7	*	12/13/2024	1822
7440-50-8	Copper	18		12/13/2024	1822
7439-89-6	Iron	8900		12/13/2024	1822
7439-92-1	Lead	46		12/13/2024	1822
7439-95-4	Magnesium	72000		12/13/2024	1822
7439-96-5	Manganese	770		12/13/2024	1822
7440-02-0	Nickel	8.4		12/13/2024	1822
7440-09-7	Potassium	980		12/13/2024	1822
7782-49-2	Selenium	3.5	U*	12/13/2024	1822
7440-22-4	Silver	0.99	U*	12/13/2024	1822
7440-23-5	Sodium	320	J	12/13/2024	1822
7440-28-0	Thallium	3.2		12/13/2024	1822
7440-62-2	Vanadium	4.9	J	12/13/2024	1822
7440-66-6	Zinc	100		12/13/2024	1822

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHJG5

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJ97

Matrix: SOIL Lab Sample ID: P4983-15

% Solids: 91.9 Date Received: 11/23/2024

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	2800		12/13/2024	1849
7440-36-0	Antimony	0.65	J*	12/13/2024	1849
7440-38-2	Arsenic	5.2		12/13/2024	1849
7440-39-3	Barium	24		12/13/2024	1849
7440-41-7	Beryllium	0.30	J	12/13/2024	1849
7440-43-9	Cadmium	0.97		12/13/2024	1849
7440-70-2	Calcium	120000	D	12/15/2024	2113
7440-47-3	Chromium	6.3		12/13/2024	1849
7440-48-4	Cobalt	7.6	*	12/13/2024	1849
7440-50-8	Copper	58		12/13/2024	1849
7439-89-6	Iron	11000		12/13/2024	1849
7439-92-1	Lead	87		12/13/2024	1849
7439-95-4	Magnesium	61000		12/13/2024	1849
7439-96-5	Manganese	820		12/13/2024	1849
7440-02-0	Nickel	10		12/13/2024	1849
7440-09-7	Potassium	660		12/13/2024	1849
7782-49-2	Selenium	3.0	U*	12/13/2024	1849
7440-22-4	Silver	0.85	U*	12/13/2024	1849
7440-23-5	Sodium	250	J	12/13/2024	1849
7440-28-0	Thallium	3.2		12/13/2024	1849
7440-62-2	Vanadium	6.4		12/13/2024	1849
7440-66-6	Zinc	240		12/13/2024	1849

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHJG6

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJ97

Matrix: SOIL Lab Sample ID: P4983-16

% Solids: 92.4 Date Received: 11/23/2024

Analytical Method: ICP_AES

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	4300		12/13/2024	1853
7440-36-0	Antimony	1.4	J*	12/13/2024	1853
7440-38-2	Arsenic	4.7		12/13/2024	1853
7440-39-3	Barium	34		12/13/2024	1853
7440-41-7	Beryllium	0.37	J	12/13/2024	1853
7440-43-9	Cadmium	0.60		12/13/2024	1853
7440-70-2	Calcium	75000	D	12/15/2024	2117
7440-47-3	Chromium	6.7		12/13/2024	1853
7440-48-4	Cobalt	8.9	*	12/13/2024	1853
7440-50-8	Copper	30		12/13/2024	1853
7439-89-6	Iron	12000		12/13/2024	1853
7439-92-1	Lead	53		12/13/2024	1853
7439-95-4	Magnesium	34000		12/13/2024	1853
7439-96-5	Manganese	770		12/13/2024	1853
7440-02-0	Nickel	14		12/13/2024	1853
7440-09-7	Potassium	450		12/13/2024	1853
7782-49-2	Selenium	2.8	U*	12/13/2024	1853
7440-22-4	Silver	0.80	U*	12/13/2024	1853
7440-23-5	Sodium	230	J	12/13/2024	1853
7440-28-0	Thallium	2.8		12/13/2024	1853
7440-62-2	Vanadium	9.7		12/13/2024	1853
7440-66-6	Zinc	150		12/13/2024	1853

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHJG7

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJ97

Matrix: SOIL Lab Sample ID: P4983-17

% Solids: 90.6 Date Received: 11/23/2024

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	4200		12/13/2024	1857
7440-36-0	Antimony	1.4	J*	12/13/2024	1857
7440-38-2	Arsenic	7.0		12/13/2024	1857
7440-39-3	Barium	50		12/13/2024	1857
7440-41-7	Beryllium	0.39	J	12/13/2024	1857
7440-43-9	Cadmium	0.73		12/13/2024	1857
7440-70-2	Calcium	100000	D	12/15/2024	2120
7440-47-3	Chromium	6.5		12/13/2024	1857
7440-48-4	Cobalt	9.7	*	12/13/2024	1857
7440-50-8	Copper	37		12/13/2024	1857
7439-89-6	Iron	12000		12/13/2024	1857
7439-92-1	Lead	64		12/13/2024	1857
7439-95-4	Magnesium	36000		12/13/2024	1857
7439-96-5	Manganese	1300		12/13/2024	1857
7440-02-0	Nickel	13		12/13/2024	1857
7440-09-7	Potassium	410	J	12/13/2024	1857
7782-49-2	Selenium	3.4	U*	12/13/2024	1857
7440-22-4	Silver	0.97	U*	12/13/2024	1857
7440-23-5	Sodium	310	J	12/13/2024	1857
7440-28-0	Thallium	3.7		12/13/2024	1857
7440-62-2	Vanadium	8.5		12/13/2024	1857
7440-66-6	Zinc	140		12/13/2024	1857

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHJG8

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJ97

Matrix: SOIL Lab Sample ID: P4983-18

% Solids: 93.7 Date Received: 11/23/2024

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	3200		12/13/2024	1900
7440-36-0	Antimony	0.40	J*	12/13/2024	1900
7440-38-2	Arsenic	5.2		12/13/2024	1900
7440-39-3	Barium	36		12/13/2024	1900
7440-41-7	Beryllium	0.31	J	12/13/2024	1900
7440-43-9	Cadmium	0.66		12/13/2024	1900
7440-70-2	Calcium	130000	D	12/15/2024	2124
7440-47-3	Chromium	5.3		12/13/2024	1900
7440-48-4	Cobalt	9.7	*	12/13/2024	1900
7440-50-8	Copper	27		12/13/2024	1900
7439-89-6	Iron	10000		12/13/2024	1900
7439-92-1	Lead	47		12/13/2024	1900
7439-95-4	Magnesium	33000		12/13/2024	1900
7439-96-5	Manganese	1100		12/13/2024	1900
7440-02-0	Nickel	11		12/13/2024	1900
7440-09-7	Potassium	320	J	12/13/2024	1900
7782-49-2	Selenium	3.2	U*	12/13/2024	1900
7440-22-4	Silver	0.92	U*	12/13/2024	1900
7440-23-5	Sodium	280	J	12/13/2024	1900
7440-28-0	Thallium	3.8		12/13/2024	1900
7440-62-2	Vanadium	7.2		12/13/2024	1900
7440-66-6	Zinc	110		12/13/2024	1900

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

Comments:

FORM 1 - IN
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MBHJG9

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJ97

Matrix: SOIL Lab Sample ID: P4983-19

% Solids: 94.5 Date Received: 11/23/2024

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	2100		12/13/2024	1904
7440-36-0	Antimony	5.7	U*	12/13/2024	1904
7440-38-2	Arsenic	3.6		12/13/2024	1904
7440-39-3	Barium	29		12/13/2024	1904
7440-41-7	Beryllium	0.20	J	12/13/2024	1904
7440-43-9	Cadmium	0.47		12/13/2024	1904
7440-70-2	Calcium	220000	D	12/15/2024	2218
7440-47-3	Chromium	4.0		12/13/2024	1904
7440-48-4	Cobalt	8.1	*	12/13/2024	1904
7440-50-8	Copper	16		12/13/2024	1904
7439-89-6	Iron	8100		12/13/2024	1904
7439-92-1	Lead	32		12/13/2024	1904
7439-95-4	Magnesium	29000		12/13/2024	1904
7439-96-5	Manganese	1100		12/13/2024	1904
7440-02-0	Nickel	8.2		12/13/2024	1904
7440-09-7	Potassium	260	J	12/13/2024	1904
7782-49-2	Selenium	3.3	U*	12/13/2024	1904
7440-22-4	Silver	0.95	U*	12/13/2024	1904
7440-23-5	Sodium	260	J	12/13/2024	1904
7440-28-0	Thallium	4.5		12/13/2024	1904
7440-62-2	Vanadium	4.5	J	12/13/2024	1904
7440-66-6	Zinc	65		12/13/2024	1904

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

Comments:

FORM 1 - IN
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MBHJH0

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJ97

Matrix: SOIL Lab Sample ID: P4983-20

% Solids: 95.6 Date Received: 11/23/2024

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	1400		12/13/2024	1908
7440-36-0	Antimony	4.7	U*	12/13/2024	1908
7440-38-2	Arsenic	1.4		12/13/2024	1908
7440-39-3	Barium	19		12/13/2024	1908
7440-41-7	Beryllium	0.12	J	12/13/2024	1908
7440-43-9	Cadmium	0.27	J	12/13/2024	1908
7440-70-2	Calcium	260000	D	12/23/2024	1553
7440-47-3	Chromium	2.5		12/13/2024	1908
7440-48-4	Cobalt	6.7	*	12/13/2024	1908
7440-50-8	Copper	9.5		12/13/2024	1908
7439-89-6	Iron	5300		12/13/2024	1908
7439-92-1	Lead	13		12/13/2024	1908
7439-95-4	Magnesium	15000		12/13/2024	1908
7439-96-5	Manganese	1100		12/13/2024	1908
7440-02-0	Nickel	5.4		12/13/2024	1908
7440-09-7	Potassium	120	J	12/13/2024	1908
7782-49-2	Selenium	2.8	U*	12/13/2024	1908
7440-22-4	Silver	0.79	U*	12/13/2024	1908
7440-23-5	Sodium	320	J	12/13/2024	1908
7440-28-0	Thallium	4.4		12/13/2024	1908
7440-62-2	Vanadium	2.9	J	12/13/2024	1908
7440-66-6	Zinc	30		12/13/2024	1908

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

Comments:

FORM 1 - IN
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MBHJH1

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJ97

Matrix: SOIL Lab Sample ID: P4983-21

% Solids: 81 Date Received: 11/23/2024

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		12/13/2024	1912
7440-36-0	Antimony	2.8	J*	12/13/2024	1912
7440-38-2	Arsenic	17		12/13/2024	1912
7440-39-3	Barium	130		12/13/2024	1912
7440-41-7	Beryllium	0.57		12/13/2024	1912
7440-43-9	Cadmium	0.47		12/13/2024	1912
7440-70-2	Calcium	15000		12/13/2024	1912
7440-47-3	Chromium	7.6		12/13/2024	1912
7440-48-4	Cobalt	11	*	12/13/2024	1912
7440-50-8	Copper	34		12/13/2024	1912
7439-89-6	Iron	16000		12/13/2024	1912
7439-92-1	Lead	680		12/13/2024	1912
7439-95-4	Magnesium	2500		12/13/2024	1912
7439-96-5	Manganese	1500		12/13/2024	1912
7440-02-0	Nickel	14		12/13/2024	1912
7440-09-7	Potassium	220	J	12/13/2024	1912
7782-49-2	Selenium	2.9	U*	12/13/2024	1912
7440-22-4	Silver	0.83	U*	12/13/2024	1912
7440-23-5	Sodium	190	J	12/13/2024	1912
7440-28-0	Thallium	2.5		12/13/2024	1912
7440-62-2	Vanadium	17		12/13/2024	1912
7440-66-6	Zinc	48		12/13/2024	1912

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

Comments:

