

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHMA8

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHMA8

Matrix: SOIL Lab Sample ID: P5127-01

% Solids: 76 Date Received: 12/05/2024

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	*	01/03/2025	2001
7440-36-0	Antimony	4.8	J	01/03/2025	2001
7440-38-2	Arsenic	15		01/03/2025	2001
7440-39-3	Barium	110		01/03/2025	2001
7440-41-7	Beryllium	0.83		01/03/2025	2001
7440-43-9	Cadmium	2.0		01/03/2025	2001
7440-70-2	Calcium	36000	*	01/03/2025	2001
7440-47-3	Chromium	14	*	01/03/2025	2001
7440-48-4	Cobalt	11	*	01/03/2025	2001
7440-50-8	Copper	53	*	01/03/2025	2001
7439-89-6	Iron	19000	*	01/03/2025	2001
7439-92-1	Lead	250	*	01/03/2025	2001
7439-95-4	Magnesium	18000	*	01/03/2025	2001
7439-96-5	Manganese	500	*	01/03/2025	2001
7440-02-0	Nickel	22		01/03/2025	2001
7440-09-7	Potassium	500	J	01/03/2025	2001
7782-49-2	Selenium	6.9	*	01/03/2025	2001
7440-22-4	Silver	1.0	U*	01/03/2025	2001
7440-23-5	Sodium	410	J	01/03/2025	2001
7440-28-0	Thallium	2.5	U	01/03/2025	2001
7440-62-2	Vanadium	18		01/03/2025	2001
7440-66-6	Zinc	470	*	01/03/2025	2001

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHMA9

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHMA8

Matrix: SOIL Lab Sample ID: P5127-02

% Solids: 83.4 Date Received: 12/05/2024

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	4400	*	01/03/2025	2005
7440-36-0	Antimony	4.3	J	01/03/2025	2005
7440-38-2	Arsenic	8.8		01/03/2025	2005
7440-39-3	Barium	61		01/03/2025	2005
7440-41-7	Beryllium	0.55		01/03/2025	2005
7440-43-9	Cadmium	1.1		01/03/2025	2005
7440-70-2	Calcium	27000	*	01/03/2025	2005
7440-47-3	Chromium	9.5	*	01/03/2025	2005
7440-48-4	Cobalt	9.6	*	01/03/2025	2005
7440-50-8	Copper	32	*	01/03/2025	2005
7439-89-6	Iron	19000	*	01/03/2025	2005
7439-92-1	Lead	140	*	01/03/2025	2005
7439-95-4	Magnesium	6200	*	01/03/2025	2005
7439-96-5	Manganese	620	*	01/03/2025	2005
7440-02-0	Nickel	16		01/03/2025	2005
7440-09-7	Potassium	400	J	01/03/2025	2005
7782-49-2	Selenium	7.6	*	01/03/2025	2005
7440-22-4	Silver	0.98	U*	01/03/2025	2005
7440-23-5	Sodium	490	U	01/03/2025	2005
7440-28-0	Thallium	2.4	U	01/03/2025	2005
7440-62-2	Vanadium	17		01/03/2025	2005
7440-66-6	Zinc	490	*	01/03/2025	2005

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHMB0

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHMA8

Matrix: SOIL Lab Sample ID: P5127-03

% Solids: 84 Date Received: 12/05/2024

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	*	01/03/2025	2009
7440-36-0	Antimony	2.9	J	01/03/2025	2009
7440-38-2	Arsenic	8.7		01/03/2025	2009
7440-39-3	Barium	92		01/03/2025	2009
7440-41-7	Beryllium	0.55		01/03/2025	2009
7440-43-9	Cadmium	0.37	J	01/03/2025	2009
7440-70-2	Calcium	84000	D*	01/05/2025	2148
7440-47-3	Chromium	8.4	*	01/03/2025	2009
7440-48-4	Cobalt	13	*	01/03/2025	2009
7440-50-8	Copper	15	*	01/03/2025	2009
7439-89-6	Iron	17000	*	01/03/2025	2009
7439-92-1	Lead	100	*	01/03/2025	2009
7439-95-4	Magnesium	13000	*	01/03/2025	2009
7439-96-5	Manganese	1600	*	01/03/2025	2009
7440-02-0	Nickel	16		01/03/2025	2009
7440-09-7	Potassium	980		01/03/2025	2009
7782-49-2	Selenium	4.8	*	01/03/2025	2009
7440-22-4	Silver	0.96	U*	01/03/2025	2009
7440-23-5	Sodium	110	J	01/03/2025	2009
7440-28-0	Thallium	2.4	U	01/03/2025	2009
7440-62-2	Vanadium	11		01/03/2025	2009
7440-66-6	Zinc	78	*	01/03/2025	2009

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHMB1

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHMA8

Matrix: SOIL Lab Sample ID: P5127-04

% Solids: 80.3 Date Received: 12/05/2024

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	3300	*	01/05/2025	2132
7440-36-0	Antimony	1.4	J	01/05/2025	2132
7440-38-2	Arsenic	5.1		01/05/2025	2132
7440-39-3	Barium	32		01/05/2025	2132
7440-41-7	Beryllium	0.43	J	01/05/2025	2132
7440-43-9	Cadmium	0.25	J	01/05/2025	2132
7440-70-2	Calcium	180000	D*	01/06/2025	2059
7440-47-3	Chromium	5.0	*	01/05/2025	2132
7440-48-4	Cobalt	10	*	01/05/2025	2132
7440-50-8	Copper	16	*	01/05/2025	2132
7439-89-6	Iron	10000	*	01/05/2025	2132
7439-92-1	Lead	32	*	01/05/2025	2132
7439-95-4	Magnesium	16000	*	01/05/2025	2132
7439-96-5	Manganese	620	*	01/05/2025	2132
7440-02-0	Nickel	12		01/05/2025	2132
7440-09-7	Potassium	1200		01/05/2025	2132
7782-49-2	Selenium	3.1	U*	01/05/2025	2132
7440-22-4	Silver	0.88	U*	01/05/2025	2132
7440-23-5	Sodium	140	J	01/05/2025	2132
7440-28-0	Thallium	1.3	J	01/05/2025	2132
7440-62-2	Vanadium	5.6		01/05/2025	2132
7440-66-6	Zinc	53	*	01/05/2025	2132

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHMB9

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHMA8

Matrix: SOIL Lab Sample ID: P5127-07

% Solids: 73.6 Date Received: 12/05/2024

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	*	01/03/2025	2012
7440-36-0	Antimony	3.7	J	01/03/2025	2012
7440-38-2	Arsenic	11		01/03/2025	2012
7440-39-3	Barium	120		01/03/2025	2012
7440-41-7	Beryllium	0.58		01/03/2025	2012
7440-43-9	Cadmium	1.0		01/03/2025	2012
7440-70-2	Calcium	14000	*	01/03/2025	2012
7440-47-3	Chromium	14	*	01/03/2025	2012
7440-48-4	Cobalt	9.7	*	01/03/2025	2012
7440-50-8	Copper	31	*	01/03/2025	2012
7439-89-6	Iron	15000	*	01/03/2025	2012
7439-92-1	Lead	190	*	01/03/2025	2012
7439-95-4	Magnesium	4500	*	01/03/2025	2012
7439-96-5	Manganese	630	*	01/03/2025	2012
7440-02-0	Nickel	18		01/03/2025	2012
7440-09-7	Potassium	900		01/03/2025	2012
7782-49-2	Selenium	6.1	*	01/03/2025	2012
7440-22-4	Silver	1.1	U*	01/03/2025	2012
7440-23-5	Sodium	570	U	01/03/2025	2012
7440-28-0	Thallium	2.8	U	01/03/2025	2012
7440-62-2	Vanadium	18		01/03/2025	2012
7440-66-6	Zinc	260	*	01/03/2025	2012

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHMC0

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHMA8

Matrix: SOIL Lab Sample ID: P5127-08

% Solids: 77.3 Date Received: 12/05/2024

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	*	01/03/2025	2016
7440-36-0	Antimony	3.4	J	01/03/2025	2016
7440-38-2	Arsenic	12		01/03/2025	2016
7440-39-3	Barium	97		01/03/2025	2016
7440-41-7	Beryllium	0.57		01/03/2025	2016
7440-43-9	Cadmium	0.72		01/03/2025	2016
7440-70-2	Calcium	14000	*	01/03/2025	2016
7440-47-3	Chromium	13	*	01/03/2025	2016
7440-48-4	Cobalt	9.5	*	01/03/2025	2016
7440-50-8	Copper	28	*	01/03/2025	2016
7439-89-6	Iron	15000	*	01/03/2025	2016
7439-92-1	Lead	170	*	01/03/2025	2016
7439-95-4	Magnesium	5600	*	01/03/2025	2016
7439-96-5	Manganese	620	*	01/03/2025	2016
7440-02-0	Nickel	18		01/03/2025	2016
7440-09-7	Potassium	720		01/03/2025	2016
7782-49-2	Selenium	6.6	*	01/03/2025	2016
7440-22-4	Silver	0.96	U*	01/03/2025	2016
7440-23-5	Sodium	480	U	01/03/2025	2016
7440-28-0	Thallium	2.4	U	01/03/2025	2016
7440-62-2	Vanadium	17		01/03/2025	2016
7440-66-6	Zinc	240	*	01/03/2025	2016

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHMC1

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHMA8

Matrix: SOIL Lab Sample ID: P5127-09

% Solids: 79 Date Received: 12/05/2024

Analytical Method: ICP_AES

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	5700	*	01/03/2025	2020
7440-36-0	Antimony	4.0	J	01/03/2025	2020
7440-38-2	Arsenic	12		01/03/2025	2020
7440-39-3	Barium	110		01/03/2025	2020
7440-41-7	Beryllium	0.59		01/03/2025	2020
7440-43-9	Cadmium	0.80		01/03/2025	2020
7440-70-2	Calcium	14000	*	01/03/2025	2020
7440-47-3	Chromium	13	*	01/03/2025	2020
7440-48-4	Cobalt	9.5	*	01/03/2025	2020
7440-50-8	Copper	32	*	01/03/2025	2020
7439-89-6	Iron	15000	*	01/03/2025	2020
7439-92-1	Lead	230	*	01/03/2025	2020
7439-95-4	Magnesium	5100	*	01/03/2025	2020
7439-96-5	Manganese	550	*	01/03/2025	2020
7440-02-0	Nickel	21		01/03/2025	2020
7440-09-7	Potassium	670		01/03/2025	2020
7782-49-2	Selenium	6.5	*	01/03/2025	2020
7440-22-4	Silver	0.97	U*	01/03/2025	2020
7440-23-5	Sodium	490	U	01/03/2025	2020
7440-28-0	Thallium	2.4	U	01/03/2025	2020
7440-62-2	Vanadium	16		01/03/2025	2020
7440-66-6	Zinc	280	*	01/03/2025	2020

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHMC2

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHMA8

Matrix: SOIL Lab Sample ID: P5127-10

% Solids: 80.8 Date Received: 12/05/2024

Analytical Method: ICP_AES

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	5300	*	01/03/2025	2024
7440-36-0	Antimony	7.0		01/03/2025	2024
7440-38-2	Arsenic	28		01/03/2025	2024
7440-39-3	Barium	160		01/03/2025	2024
7440-41-7	Beryllium	1.1		01/03/2025	2024
7440-43-9	Cadmium	1.1		01/03/2025	2024
7440-70-2	Calcium	19000	*	01/03/2025	2024
7440-47-3	Chromium	19	*	01/03/2025	2024
7440-48-4	Cobalt	12	*	01/03/2025	2024
7440-50-8	Copper	67	*	01/03/2025	2024
7439-89-6	Iron	42000	*	01/03/2025	2024
7439-92-1	Lead	880	*	01/03/2025	2024
7439-95-4	Magnesium	5500	*	01/03/2025	2024
7439-96-5	Manganese	680	*	01/03/2025	2024
7440-02-0	Nickel	83		01/03/2025	2024
7440-09-7	Potassium	740		01/03/2025	2024
7782-49-2	Selenium	21	*	01/03/2025	2024
7440-22-4	Silver	1.0	U*	01/03/2025	2024
7440-23-5	Sodium	120	J	01/03/2025	2024
7440-28-0	Thallium	2.5	U	01/03/2025	2024
7440-62-2	Vanadium	24		01/03/2025	2024
7440-66-6	Zinc	310	*	01/03/2025	2024

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHMC3

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHMA8
 Matrix: SOIL Lab Sample ID: P5127-11
 % Solids: 78.4 Date Received: 12/05/2024
 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	*	01/03/2025	2028
7440-36-0	Antimony	4.7	J	01/03/2025	2028
7440-38-2	Arsenic	16		01/03/2025	2028
7440-39-3	Barium	160		01/03/2025	2028
7440-41-7	Beryllium	0.73		01/03/2025	2028
7440-43-9	Cadmium	0.68		01/03/2025	2028
7440-70-2	Calcium	22000	*	01/03/2025	2028
7440-47-3	Chromium	15	*	01/03/2025	2028
7440-48-4	Cobalt	11	*	01/03/2025	2028
7440-50-8	Copper	51	*	01/03/2025	2028
7439-89-6	Iron	18000	*	01/03/2025	2028
7439-92-1	Lead	390	*	01/03/2025	2028
7439-95-4	Magnesium	5300	*	01/03/2025	2028
7439-96-5	Manganese	560	*	01/03/2025	2028
7440-02-0	Nickel	19		01/03/2025	2028
7440-09-7	Potassium	720		01/03/2025	2028
7782-49-2	Selenium	6.8	*	01/03/2025	2028
7440-22-4	Silver	1.1	U*	01/03/2025	2028
7440-23-5	Sodium	110	J	01/03/2025	2028
7440-28-0	Thallium	2.8	U	01/03/2025	2028
7440-62-2	Vanadium	21		01/03/2025	2028
7440-66-6	Zinc	280	*	01/03/2025	2028

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHMC4

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHMA8

Matrix: SOIL Lab Sample ID: P5127-12

% Solids: 78 Date Received: 12/05/2024

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	*	01/03/2025	2031
7440-36-0	Antimony	5.2	J	01/03/2025	2031
7440-38-2	Arsenic	13		01/03/2025	2031
7440-39-3	Barium	190		01/03/2025	2031
7440-41-7	Beryllium	0.66		01/03/2025	2031
7440-43-9	Cadmium	0.63		01/03/2025	2031
7440-70-2	Calcium	19000	*	01/03/2025	2031
7440-47-3	Chromium	15	*	01/03/2025	2031
7440-48-4	Cobalt	12	*	01/03/2025	2031
7440-50-8	Copper	80	*	01/03/2025	2031
7439-89-6	Iron	19000	*	01/03/2025	2031
7439-92-1	Lead	500	*	01/03/2025	2031
7439-95-4	Magnesium	5400	*	01/03/2025	2031
7439-96-5	Manganese	840	*	01/03/2025	2031
7440-02-0	Nickel	17		01/03/2025	2031
7440-09-7	Potassium	780		01/03/2025	2031
7782-49-2	Selenium	8.0	*	01/03/2025	2031
7440-22-4	Silver	1.1	U*	01/03/2025	2031
7440-23-5	Sodium	550	U	01/03/2025	2031
7440-28-0	Thallium	2.8	U	01/03/2025	2031
7440-62-2	Vanadium	16		01/03/2025	2031
7440-66-6	Zinc	370	*	01/03/2025	2031

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHMC5

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHMA8

Matrix: SOIL Lab Sample ID: P5127-13

% Solids: 77.6 Date Received: 12/05/2024

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	*	01/03/2025	2035
7440-36-0	Antimony	3.7	J	01/03/2025	2035
7440-38-2	Arsenic	11		01/03/2025	2035
7440-39-3	Barium	130		01/03/2025	2035
7440-41-7	Beryllium	0.55		01/03/2025	2035
7440-43-9	Cadmium	0.45	J	01/03/2025	2035
7440-70-2	Calcium	15000	*	01/03/2025	2035
7440-47-3	Chromium	13	*	01/03/2025	2035
7440-48-4	Cobalt	12	*	01/03/2025	2035
7440-50-8	Copper	35	*	01/03/2025	2035
7439-89-6	Iron	16000	*	01/03/2025	2035
7439-92-1	Lead	240	*	01/03/2025	2035
7439-95-4	Magnesium	4400	*	01/03/2025	2035
7439-96-5	Manganese	640	*	01/03/2025	2035
7440-02-0	Nickel	15		01/03/2025	2035
7440-09-7	Potassium	710		01/03/2025	2035
7782-49-2	Selenium	6.5	*	01/03/2025	2035
7440-22-4	Silver	1.1	U*	01/03/2025	2035
7440-23-5	Sodium	540	U	01/03/2025	2035
7440-28-0	Thallium	2.7	U	01/03/2025	2035
7440-62-2	Vanadium	15		01/03/2025	2035
7440-66-6	Zinc	160	*	01/03/2025	2035

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHMD7

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHMA8

Matrix: SOIL Lab Sample ID: P5127-14

% Solids: 81.4 Date Received: 12/05/2024

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	*	01/03/2025	2039
7440-36-0	Antimony	3.9	J	01/03/2025	2039
7440-38-2	Arsenic	32		01/03/2025	2039
7440-39-3	Barium	330		01/03/2025	2039
7440-41-7	Beryllium	0.65		01/03/2025	2039
7440-43-9	Cadmium	1.0		01/03/2025	2039
7440-70-2	Calcium	62000	*	01/03/2025	2039
7440-47-3	Chromium	14	*	01/03/2025	2039
7440-48-4	Cobalt	16	*	01/03/2025	2039
7440-50-8	Copper	98	*	01/03/2025	2039
7439-89-6	Iron	19000	*	01/03/2025	2039
7439-92-1	Lead	580	*	01/03/2025	2039
7439-95-4	Magnesium	5800	*	01/03/2025	2039
7439-96-5	Manganese	1600	*	01/03/2025	2039
7440-02-0	Nickel	21		01/03/2025	2039
7440-09-7	Potassium	920		01/03/2025	2039
7782-49-2	Selenium	7.8	*	01/03/2025	2039
7440-22-4	Silver	1.1	U*	01/03/2025	2039
7440-23-5	Sodium	530	U	01/03/2025	2039
7440-28-0	Thallium	2.6	U	01/03/2025	2039
7440-62-2	Vanadium	18		01/03/2025	2039
7440-66-6	Zinc	340	*	01/03/2025	2039

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHMD8

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHMA8

Matrix: SOIL Lab Sample ID: P5127-15

% Solids: 81.8 Date Received: 12/05/2024

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	*	01/03/2025	2043
7440-36-0	Antimony	3.8	J	01/03/2025	2043
7440-38-2	Arsenic	21		01/03/2025	2043
7440-39-3	Barium	210		01/03/2025	2043
7440-41-7	Beryllium	0.66		01/03/2025	2043
7440-43-9	Cadmium	0.75		01/03/2025	2043
7440-70-2	Calcium	43000	*	01/03/2025	2043
7440-47-3	Chromium	13	*	01/03/2025	2043
7440-48-4	Cobalt	15	*	01/03/2025	2043
7440-50-8	Copper	63	*	01/03/2025	2043
7439-89-6	Iron	19000	*	01/03/2025	2043
7439-92-1	Lead	470	*	01/03/2025	2043
7439-95-4	Magnesium	6000	*	01/03/2025	2043
7439-96-5	Manganese	1700	*	01/03/2025	2043
7440-02-0	Nickel	19		01/03/2025	2043
7440-09-7	Potassium	810		01/03/2025	2043
7782-49-2	Selenium	7.5	*	01/03/2025	2043
7440-22-4	Silver	1.1	U*	01/03/2025	2043
7440-23-5	Sodium	540	U	01/03/2025	2043
7440-28-0	Thallium	2.7	U	01/03/2025	2043
7440-62-2	Vanadium	18		01/03/2025	2043
7440-66-6	Zinc	230	*	01/03/2025	2043

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHMD9

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHMA8

Matrix: SOIL Lab Sample ID: P5127-16

% Solids: 82.1 Date Received: 12/05/2024

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	*	01/04/2025	0422
7440-36-0	Antimony	3.9	J	01/04/2025	0422
7440-38-2	Arsenic	20		01/04/2025	0422
7440-39-3	Barium	190		01/04/2025	0422
7440-41-7	Beryllium	0.61		01/04/2025	0422
7440-43-9	Cadmium	0.69		01/04/2025	0422
7440-70-2	Calcium	26000	*	01/04/2025	0422
7440-47-3	Chromium	12	*	01/04/2025	0422
7440-48-4	Cobalt	14	*	01/04/2025	0422
7440-50-8	Copper	48	*	01/04/2025	0422
7439-89-6	Iron	18000	*	01/04/2025	0422
7439-92-1	Lead	370	*	01/04/2025	0422
7439-95-4	Magnesium	3300	*	01/04/2025	0422
7439-96-5	Manganese	1800	*	01/04/2025	0422
7440-02-0	Nickel	18		01/04/2025	0422
7440-09-7	Potassium	750		01/04/2025	0422
7782-49-2	Selenium	8.3	*	01/04/2025	0422
7440-22-4	Silver	0.83	U*	01/04/2025	0422
7440-23-5	Sodium	410	U	01/04/2025	0422
7440-28-0	Thallium	2.1	U	01/04/2025	0422
7440-62-2	Vanadium	18		01/04/2025	0422
7440-66-6	Zinc	180	*	01/04/2025	0422

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHME0

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHMA8

Matrix: SOIL Lab Sample ID: P5127-17

% Solids: 85.4 Date Received: 12/05/2024

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	*	01/04/2025	0426
7440-36-0	Antimony	4.8	J	01/04/2025	0426
7440-38-2	Arsenic	18		01/04/2025	0426
7440-39-3	Barium	140		01/04/2025	0426
7440-41-7	Beryllium	0.65		01/04/2025	0426
7440-43-9	Cadmium	0.63		01/04/2025	0426
7440-70-2	Calcium	17000	*	01/04/2025	0426
7440-47-3	Chromium	13	*	01/04/2025	0426
7440-48-4	Cobalt	15	*	01/04/2025	0426
7440-50-8	Copper	44	*	01/04/2025	0426
7439-89-6	Iron	22000	*	01/04/2025	0426
7439-92-1	Lead	180	*	01/04/2025	0426
7439-95-4	Magnesium	4400	*	01/04/2025	0426
7439-96-5	Manganese	2100	*	01/04/2025	0426
7440-02-0	Nickel	22		01/04/2025	0426
7440-09-7	Potassium	760		01/04/2025	0426
7782-49-2	Selenium	11	*	01/04/2025	0426
7440-22-4	Silver	0.87	U*	01/04/2025	0426
7440-23-5	Sodium	430	U	01/04/2025	0426
7440-28-0	Thallium	2.2	U	01/04/2025	0426
7440-62-2	Vanadium	20		01/04/2025	0426
7440-66-6	Zinc	130	*	01/04/2025	0426

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHME7

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHMA8

Matrix: SOIL Lab Sample ID: P5127-18

% Solids: 85.3 Date Received: 12/05/2024

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	*	01/04/2025	0430
7440-36-0	Antimony	5.1	J	01/04/2025	0430
7440-38-2	Arsenic	32		01/04/2025	0430
7440-39-3	Barium	230		01/04/2025	0430
7440-41-7	Beryllium	0.69		01/04/2025	0430
7440-43-9	Cadmium	1.4		01/04/2025	0430
7440-70-2	Calcium	53000	*	01/04/2025	0430
7440-47-3	Chromium	17	*	01/04/2025	0430
7440-48-4	Cobalt	15	*	01/04/2025	0430
7440-50-8	Copper	520	*	01/04/2025	0430
7439-89-6	Iron	20000	*	01/04/2025	0430
7439-92-1	Lead	390	*	01/04/2025	0430
7439-95-4	Magnesium	5800	*	01/04/2025	0430
7439-96-5	Manganese	1500	*	01/04/2025	0430
7440-02-0	Nickel	26		01/04/2025	0430
7440-09-7	Potassium	1300		01/04/2025	0430
7782-49-2	Selenium	7.8	*	01/04/2025	0430
7440-22-4	Silver	1.0	U*	01/04/2025	0430
7440-23-5	Sodium	110	J	01/04/2025	0430
7440-28-0	Thallium	2.6	U	01/04/2025	0430
7440-62-2	Vanadium	18		01/04/2025	0430
7440-66-6	Zinc	450	*	01/04/2025	0430

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHME8

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHMA8

Matrix: SOIL Lab Sample ID: P5127-19

% Solids: 87.3 Date Received: 12/05/2024

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	6300	*	01/04/2025	0433
7440-36-0	Antimony	4.0	J	01/04/2025	0433
7440-38-2	Arsenic	30		01/04/2025	0433
7440-39-3	Barium	210		01/04/2025	0433
7440-41-7	Beryllium	0.66		01/04/2025	0433
7440-43-9	Cadmium	1.2		01/04/2025	0433
7440-70-2	Calcium	57000	*	01/04/2025	0433
7440-47-3	Chromium	16	*	01/04/2025	0433
7440-48-4	Cobalt	15	*	01/04/2025	0433
7440-50-8	Copper	140	*	01/04/2025	0433
7439-89-6	Iron	19000	*	01/04/2025	0433
7439-92-1	Lead	390	*	01/04/2025	0433
7439-95-4	Magnesium	6900	*	01/04/2025	0433
7439-96-5	Manganese	1400	*	01/04/2025	0433
7440-02-0	Nickel	24		01/04/2025	0433
7440-09-7	Potassium	1200		01/04/2025	0433
7782-49-2	Selenium	6.9	*	01/04/2025	0433
7440-22-4	Silver	1.0	U*	01/04/2025	0433
7440-23-5	Sodium	520	U	01/04/2025	0433
7440-28-0	Thallium	2.6	U	01/04/2025	0433
7440-62-2	Vanadium	17		01/04/2025	0433
7440-66-6	Zinc	320	*	01/04/2025	0433

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHME9

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHMA8

Matrix: SOIL Lab Sample ID: P5127-20

% Solids: 88 Date Received: 12/05/2024

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	*	01/04/2025	0437
7440-36-0	Antimony	4.0	J	01/04/2025	0437
7440-38-2	Arsenic	29		01/04/2025	0437
7440-39-3	Barium	190		01/04/2025	0437
7440-41-7	Beryllium	0.63		01/04/2025	0437
7440-43-9	Cadmium	0.99		01/04/2025	0437
7440-70-2	Calcium	63000	*	01/04/2025	0437
7440-47-3	Chromium	14	*	01/04/2025	0437
7440-48-4	Cobalt	15	*	01/04/2025	0437
7440-50-8	Copper	140	*	01/04/2025	0437
7439-89-6	Iron	18000	*	01/04/2025	0437
7439-92-1	Lead	310	*	01/04/2025	0437
7439-95-4	Magnesium	5400	*	01/04/2025	0437
7439-96-5	Manganese	1300	*	01/04/2025	0437
7440-02-0	Nickel	21		01/04/2025	0437
7440-09-7	Potassium	1100		01/04/2025	0437
7782-49-2	Selenium	6.6	*	01/04/2025	0437
7440-22-4	Silver	0.87	U*	01/04/2025	0437
7440-23-5	Sodium	97	J	01/04/2025	0437
7440-28-0	Thallium	2.2	U	01/04/2025	0437
7440-62-2	Vanadium	17		01/04/2025	0437
7440-66-6	Zinc	250	*	01/04/2025	0437

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHMF0

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHMA8

Matrix: SOIL Lab Sample ID: P5127-21

% Solids: 88.3 Date Received: 12/05/2024

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	*	01/04/2025	0441
7440-36-0	Antimony	4.9	J	01/04/2025	0441
7440-38-2	Arsenic	22		01/04/2025	0441
7440-39-3	Barium	160		01/04/2025	0441
7440-41-7	Beryllium	0.69		01/04/2025	0441
7440-43-9	Cadmium	0.71		01/04/2025	0441
7440-70-2	Calcium	28000	*	01/04/2025	0441
7440-47-3	Chromium	13	*	01/04/2025	0441
7440-48-4	Cobalt	15	*	01/04/2025	0441
7440-50-8	Copper	67	*	01/04/2025	0441
7439-89-6	Iron	22000	*	01/04/2025	0441
7439-92-1	Lead	260	*	01/04/2025	0441
7439-95-4	Magnesium	3600	*	01/04/2025	0441
7439-96-5	Manganese	2000	*	01/04/2025	0441
7440-02-0	Nickel	20		01/04/2025	0441
7440-09-7	Potassium	900		01/04/2025	0441
7782-49-2	Selenium	10	*	01/04/2025	0441
7440-22-4	Silver	0.94	U*	01/04/2025	0441
7440-23-5	Sodium	470	U	01/04/2025	0441
7440-28-0	Thallium	2.3	U	01/04/2025	0441
7440-62-2	Vanadium	19		01/04/2025	0441
7440-66-6	Zinc	170	*	01/04/2025	0441

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHMF1

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHMA8
 Matrix: SOIL Lab Sample ID: P5127-22
 % Solids: 87.2 Date Received: 12/05/2024
 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	*	01/04/2025	0445
7440-36-0	Antimony	4.5	J	01/04/2025	0445
7440-38-2	Arsenic	20		01/04/2025	0445
7440-39-3	Barium	140		01/04/2025	0445
7440-41-7	Beryllium	0.70		01/04/2025	0445
7440-43-9	Cadmium	0.74		01/04/2025	0445
7440-70-2	Calcium	20000	*	01/04/2025	0445
7440-47-3	Chromium	13	*	01/04/2025	0445
7440-48-4	Cobalt	14	*	01/04/2025	0445
7440-50-8	Copper	49	*	01/04/2025	0445
7439-89-6	Iron	21000	*	01/04/2025	0445
7439-92-1	Lead	310	*	01/04/2025	0445
7439-95-4	Magnesium	3100	*	01/04/2025	0445
7439-96-5	Manganese	2000	*	01/04/2025	0445
7440-02-0	Nickel	18		01/04/2025	0445
7440-09-7	Potassium	840		01/04/2025	0445
7782-49-2	Selenium	10	*	01/04/2025	0445
7440-22-4	Silver	0.86	U*	01/04/2025	0445
7440-23-5	Sodium	430	U	01/04/2025	0445
7440-28-0	Thallium	2.1	U	01/04/2025	0445
7440-62-2	Vanadium	19		01/04/2025	0445
7440-66-6	Zinc	150	*	01/04/2025	0445

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

Comments: