

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHMP6

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHMP6

Matrix: SOIL Lab Sample ID: P5197-01

% Solids: 82.8 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	6900		01/12/2025	0916
7440-36-0	Antimony	5.7	U*	01/12/2025	0916
7440-38-2	Arsenic	5.5		01/12/2025	0916
7440-39-3	Barium	51		01/12/2025	0916
7440-41-7	Beryllium	0.37	J*	01/12/2025	0916
7440-43-9	Cadmium	0.54		01/12/2025	0916
7440-70-2	Calcium	2600		01/12/2025	0916
7440-47-3	Chromium	13		01/12/2025	0916
7440-48-4	Cobalt	7.2		01/12/2025	0916
7440-50-8	Copper	15		01/12/2025	0916
7439-89-6	Iron	14000		01/12/2025	0916
7439-92-1	Lead	52		01/12/2025	0916
7439-95-4	Magnesium	1800		01/12/2025	0916
7439-96-5	Manganese	560		01/12/2025	0916
7440-02-0	Nickel	18		01/12/2025	0916
7440-09-7	Potassium	360	J	01/12/2025	0916
7782-49-2	Selenium	3.0	J*	01/12/2025	0916
7440-22-4	Silver	0.95	U*	01/12/2025	0916
7440-23-5	Sodium	480	U	01/12/2025	0916
7440-28-0	Thallium	2.4	U	01/12/2025	0916
7440-62-2	Vanadium	15		01/12/2025	0916
7440-66-6	Zinc	56		01/12/2025	0916

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHMP7

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHMP6

Matrix: SOIL Lab Sample ID: P5197-02

% Solids: 83.9 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	6700		01/12/2025	0920
7440-36-0	Antimony	5.1	U*	01/12/2025	0920
7440-38-2	Arsenic	8.6		01/12/2025	0920
7440-39-3	Barium	69		01/12/2025	0920
7440-41-7	Beryllium	0.41	J*	01/12/2025	0920
7440-43-9	Cadmium	0.62		01/12/2025	0920
7440-70-2	Calcium	9900		01/12/2025	0920
7440-47-3	Chromium	13		01/12/2025	0920
7440-48-4	Cobalt	7.7		01/12/2025	0920
7440-50-8	Copper	25		01/12/2025	0920
7439-89-6	Iron	15000		01/12/2025	0920
7439-92-1	Lead	60		01/12/2025	0920
7439-95-4	Magnesium	2600		01/12/2025	0920
7439-96-5	Manganese	710		01/12/2025	0920
7440-02-0	Nickel	16		01/12/2025	0920
7440-09-7	Potassium	480		01/12/2025	0920
7782-49-2	Selenium	2.8	J*	01/12/2025	0920
7440-22-4	Silver	0.86	U*	01/12/2025	0920
7440-23-5	Sodium	430	U	01/12/2025	0920
7440-28-0	Thallium	2.1	U	01/12/2025	0920
7440-62-2	Vanadium	14		01/12/2025	0920
7440-66-6	Zinc	66		01/12/2025	0920

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHMP8

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHMP6

Matrix: SOIL Lab Sample ID: P5197-03

% Solids: 86.9 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	5300		01/12/2025	0924
7440-36-0	Antimony	6.2	U*	01/12/2025	0924
7440-38-2	Arsenic	5.5		01/12/2025	0924
7440-39-3	Barium	60		01/12/2025	0924
7440-41-7	Beryllium	0.36	J*	01/12/2025	0924
7440-43-9	Cadmium	0.53		01/12/2025	0924
7440-70-2	Calcium	46000		01/12/2025	0924
7440-47-3	Chromium	10		01/12/2025	0924
7440-48-4	Cobalt	7.6		01/12/2025	0924
7440-50-8	Copper	26		01/12/2025	0924
7439-89-6	Iron	14000		01/12/2025	0924
7439-92-1	Lead	20		01/12/2025	0924
7439-95-4	Magnesium	17000		01/12/2025	0924
7439-96-5	Manganese	740		01/12/2025	0924
7440-02-0	Nickel	15		01/12/2025	0924
7440-09-7	Potassium	660		01/12/2025	0924
7782-49-2	Selenium	1.8	J*	01/12/2025	0924
7440-22-4	Silver	1.0	U*	01/12/2025	0924
7440-23-5	Sodium	70	J	01/12/2025	0924
7440-28-0	Thallium	2.6	U	01/12/2025	0924
7440-62-2	Vanadium	12		01/12/2025	0924
7440-66-6	Zinc	48		01/12/2025	0924

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHMP9

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHMP6

Matrix: SOIL Lab Sample ID: P5197-04

% Solids: 87.3 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	5600		01/12/2025	0928
7440-36-0	Antimony	5.9	U*	01/12/2025	0928
7440-38-2	Arsenic	5.1		01/12/2025	0928
7440-39-3	Barium	72		01/12/2025	0928
7440-41-7	Beryllium	0.36	J*	01/12/2025	0928
7440-43-9	Cadmium	0.60		01/12/2025	0928
7440-70-2	Calcium	32000		01/12/2025	0928
7440-47-3	Chromium	12		01/12/2025	0928
7440-48-4	Cobalt	8.0		01/12/2025	0928
7440-50-8	Copper	25		01/12/2025	0928
7439-89-6	Iron	14000		01/12/2025	0928
7439-92-1	Lead	24		01/12/2025	0928
7439-95-4	Magnesium	5100		01/12/2025	0928
7439-96-5	Manganese	780		01/12/2025	0928
7440-02-0	Nickel	16		01/12/2025	0928
7440-09-7	Potassium	610		01/12/2025	0928
7782-49-2	Selenium	1.9	J*	01/12/2025	0928
7440-22-4	Silver	0.98	U*	01/12/2025	0928
7440-23-5	Sodium	490	U	01/12/2025	0928
7440-28-0	Thallium	2.5	U	01/12/2025	0928
7440-62-2	Vanadium	12		01/12/2025	0928
7440-66-6	Zinc	53		01/12/2025	0928

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHMQ7

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHMP6

Matrix: SOIL Lab Sample ID: P5197-05

% Solids: 67.6 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	6200		01/12/2025	0941
7440-36-0	Antimony	6.0	U*	01/12/2025	0941
7440-38-2	Arsenic	11		01/12/2025	0941
7440-39-3	Barium	150		01/12/2025	0941
7440-41-7	Beryllium	0.53	*	01/12/2025	0941
7440-43-9	Cadmium	1.9		01/12/2025	0941
7440-70-2	Calcium	5100		01/12/2025	0941
7440-47-3	Chromium	16		01/12/2025	0941
7440-48-4	Cobalt	8.5		01/12/2025	0941
7440-50-8	Copper	53		01/12/2025	0941
7439-89-6	Iron	14000		01/12/2025	0941
7439-92-1	Lead	320		01/12/2025	0941
7439-95-4	Magnesium	1700		01/12/2025	0941
7439-96-5	Manganese	480		01/12/2025	0941
7440-02-0	Nickel	22		01/12/2025	0941
7440-09-7	Potassium	940		01/12/2025	0941
7782-49-2	Selenium	3.4	J*	01/12/2025	0941
7440-22-4	Silver	1.0	U*	01/12/2025	0941
7440-23-5	Sodium	500	U	01/12/2025	0941
7440-28-0	Thallium	2.5	U	01/12/2025	0941
7440-62-2	Vanadium	22		01/12/2025	0941
7440-66-6	Zinc	370		01/12/2025	0941

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHMQ8

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHMP6

Matrix: SOIL Lab Sample ID: P5197-06

% Solids: 69.6 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	6600		01/12/2025	0944
7440-36-0	Antimony	7.4	U*	01/12/2025	0944
7440-38-2	Arsenic	13		01/12/2025	0944
7440-39-3	Barium	180		01/12/2025	0944
7440-41-7	Beryllium	0.53	J*	01/12/2025	0944
7440-43-9	Cadmium	2.4		01/12/2025	0944
7440-70-2	Calcium	5800		01/12/2025	0944
7440-47-3	Chromium	19		01/12/2025	0944
7440-48-4	Cobalt	8.6		01/12/2025	0944
7440-50-8	Copper	74		01/12/2025	0944
7439-89-6	Iron	22000		01/12/2025	0944
7439-92-1	Lead	390		01/12/2025	0944
7439-95-4	Magnesium	1900		01/12/2025	0944
7439-96-5	Manganese	570		01/12/2025	0944
7440-02-0	Nickel	24		01/12/2025	0944
7440-09-7	Potassium	810		01/12/2025	0944
7782-49-2	Selenium	5.0	*	01/12/2025	0944
7440-22-4	Silver	1.2	U*	01/12/2025	0944
7440-23-5	Sodium	620	U	01/12/2025	0944
7440-28-0	Thallium	3.1	U	01/12/2025	0944
7440-62-2	Vanadium	24		01/12/2025	0944
7440-66-6	Zinc	460		01/12/2025	0944

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHMQ9

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHMP6

Matrix: SOIL Lab Sample ID: P5197-07

% Solids: 75.1 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	6300		01/12/2025	0948
7440-36-0	Antimony	6.2	U*	01/12/2025	0948
7440-38-2	Arsenic	13		01/12/2025	0948
7440-39-3	Barium	160		01/12/2025	0948
7440-41-7	Beryllium	0.48	J*	01/12/2025	0948
7440-43-9	Cadmium	2.1		01/12/2025	0948
7440-70-2	Calcium	3800		01/12/2025	0948
7440-47-3	Chromium	16		01/12/2025	0948
7440-48-4	Cobalt	8.1		01/12/2025	0948
7440-50-8	Copper	58		01/12/2025	0948
7439-89-6	Iron	16000		01/12/2025	0948
7439-92-1	Lead	690		01/12/2025	0948
7439-95-4	Magnesium	1600		01/12/2025	0948
7439-96-5	Manganese	580		01/12/2025	0948
7440-02-0	Nickel	20		01/12/2025	0948
7440-09-7	Potassium	770		01/12/2025	0948
7782-49-2	Selenium	4.0	*	01/12/2025	0948
7440-22-4	Silver	1.0	U*	01/12/2025	0948
7440-23-5	Sodium	520	U	01/12/2025	0948
7440-28-0	Thallium	2.6	U	01/12/2025	0948
7440-62-2	Vanadium	21		01/12/2025	0948
7440-66-6	Zinc	340		01/12/2025	0948

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHMR0

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHMP6

Matrix: SOIL Lab Sample ID: P5197-10

% Solids: 73.8 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	6600		01/12/2025	1004
7440-36-0	Antimony	7.0	U*	01/12/2025	1004
7440-38-2	Arsenic	10		01/12/2025	1004
7440-39-3	Barium	120		01/12/2025	1004
7440-41-7	Beryllium	0.48	J*	01/12/2025	1004
7440-43-9	Cadmium	1.7		01/12/2025	1004
7440-70-2	Calcium	4500		01/12/2025	1004
7440-47-3	Chromium	14		01/12/2025	1004
7440-48-4	Cobalt	8.6		01/12/2025	1004
7440-50-8	Copper	42		01/12/2025	1004
7439-89-6	Iron	15000		01/12/2025	1004
7439-92-1	Lead	220		01/12/2025	1004
7439-95-4	Magnesium	1800		01/12/2025	1004
7439-96-5	Manganese	640		01/12/2025	1004
7440-02-0	Nickel	17		01/12/2025	1004
7440-09-7	Potassium	910		01/12/2025	1004
7782-49-2	Selenium	3.6	J*	01/12/2025	1004
7440-22-4	Silver	1.2	U*	01/12/2025	1004
7440-23-5	Sodium	580	U	01/12/2025	1004
7440-28-0	Thallium	2.9	U	01/12/2025	1004
7440-62-2	Vanadium	18		01/12/2025	1004
7440-66-6	Zinc	220		01/12/2025	1004

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHMR1

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHMP6

Matrix: SOIL Lab Sample ID: P5197-11

% Solids: 83.6 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	6300		01/12/2025	1008
7440-36-0	Antimony	6.6	U*	01/12/2025	1008
7440-38-2	Arsenic	7.2		01/12/2025	1008
7440-39-3	Barium	79		01/12/2025	1008
7440-41-7	Beryllium	0.43	J*	01/12/2025	1008
7440-43-9	Cadmium	0.97		01/12/2025	1008
7440-70-2	Calcium	2500		01/12/2025	1008
7440-47-3	Chromium	12		01/12/2025	1008
7440-48-4	Cobalt	7.3		01/12/2025	1008
7440-50-8	Copper	24		01/12/2025	1008
7439-89-6	Iron	15000		01/12/2025	1008
7439-92-1	Lead	100		01/12/2025	1008
7439-95-4	Magnesium	1900		01/12/2025	1008
7439-96-5	Manganese	560		01/12/2025	1008
7440-02-0	Nickel	14		01/12/2025	1008
7440-09-7	Potassium	610		01/12/2025	1008
7782-49-2	Selenium	3.2	J*	01/12/2025	1008
7440-22-4	Silver	1.1	U*	01/12/2025	1008
7440-23-5	Sodium	550	U	01/12/2025	1008
7440-28-0	Thallium	2.7	U	01/12/2025	1008
7440-62-2	Vanadium	15		01/12/2025	1008
7440-66-6	Zinc	120		01/12/2025	1008

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHMR2

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHMP6

Matrix: SOIL Lab Sample ID: P5197-12

% Solids: 90.8 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	7500		01/12/2025	1012
7440-36-0	Antimony	5.2	U*	01/12/2025	1012
7440-38-2	Arsenic	4.5		01/12/2025	1012
7440-39-3	Barium	77		01/12/2025	1012
7440-41-7	Beryllium	0.36	J*	01/12/2025	1012
7440-43-9	Cadmium	0.70		01/12/2025	1012
7440-70-2	Calcium	1500		01/12/2025	1012
7440-47-3	Chromium	13		01/12/2025	1012
7440-48-4	Cobalt	8.8		01/12/2025	1012
7440-50-8	Copper	16		01/12/2025	1012
7439-89-6	Iron	17000		01/12/2025	1012
7439-92-1	Lead	12		01/12/2025	1012
7439-95-4	Magnesium	3400		01/12/2025	1012
7439-96-5	Manganese	830		01/12/2025	1012
7440-02-0	Nickel	16		01/12/2025	1012
7440-09-7	Potassium	2500		01/12/2025	1012
7782-49-2	Selenium	3.1	*	01/12/2025	1012
7440-22-4	Silver	0.87	U*	01/12/2025	1012
7440-23-5	Sodium	440	U	01/12/2025	1012
7440-28-0	Thallium	2.2	U	01/12/2025	1012
7440-62-2	Vanadium	20		01/12/2025	1012
7440-66-6	Zinc	54		01/12/2025	1012

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MBHMR3

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHMP6
 Matrix: SOIL Lab Sample ID: P5197-13
 % Solids: 87.6 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	6300		01/12/2025	1016
7440-36-0	Antimony	5.9	U*	01/12/2025	1016
7440-38-2	Arsenic	4.5		01/12/2025	1016
7440-39-3	Barium	78		01/12/2025	1016
7440-41-7	Beryllium	0.45	J*	01/12/2025	1016
7440-43-9	Cadmium	0.90		01/12/2025	1016
7440-70-2	Calcium	2700		01/12/2025	1016
7440-47-3	Chromium	13		01/12/2025	1016
7440-48-4	Cobalt	8.9		01/12/2025	1016
7440-50-8	Copper	17		01/12/2025	1016
7439-89-6	Iron	16000		01/12/2025	1016
7439-92-1	Lead	20		01/12/2025	1016
7439-95-4	Magnesium	2300		01/12/2025	1016
7439-96-5	Manganese	740		01/12/2025	1016
7440-02-0	Nickel	20		01/12/2025	1016
7440-09-7	Potassium	850		01/12/2025	1016
7782-49-2	Selenium	2.7	J*	01/12/2025	1016
7440-22-4	Silver	0.98	U*	01/12/2025	1016
7440-23-5	Sodium	490	U	01/12/2025	1016
7440-28-0	Thallium	2.5	U	01/12/2025	1016
7440-62-2	Vanadium	14		01/12/2025	1016
7440-66-6	Zinc	47		01/12/2025	1016

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHMS1

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHMP6

Matrix: SOIL Lab Sample ID: P5197-14

% Solids: 66.4 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	6900		01/12/2025	1020
7440-36-0	Antimony	7.6	U*	01/12/2025	1020
7440-38-2	Arsenic	11		01/12/2025	1020
7440-39-3	Barium	130		01/12/2025	1020
7440-41-7	Beryllium	0.53	J*	01/12/2025	1020
7440-43-9	Cadmium	1.2		01/12/2025	1020
7440-70-2	Calcium	3600		01/12/2025	1020
7440-47-3	Chromium	19		01/12/2025	1020
7440-48-4	Cobalt	8.9		01/12/2025	1020
7440-50-8	Copper	51		01/12/2025	1020
7439-89-6	Iron	16000		01/12/2025	1020
7439-92-1	Lead	290		01/12/2025	1020
7439-95-4	Magnesium	1600		01/12/2025	1020
7439-96-5	Manganese	610		01/12/2025	1020
7440-02-0	Nickel	18		01/12/2025	1020
7440-09-7	Potassium	1100		01/12/2025	1020
7782-49-2	Selenium	3.7	J*	01/12/2025	1020
7440-22-4	Silver	1.3	U*	01/12/2025	1020
7440-23-5	Sodium	630	U	01/12/2025	1020
7440-28-0	Thallium	3.2	U	01/12/2025	1020
7440-62-2	Vanadium	19		01/12/2025	1020
7440-66-6	Zinc	210		01/12/2025	1020

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHMS2

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHMP6

Matrix: SOIL Lab Sample ID: P5197-15

% Solids: 72.8 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	7600		01/12/2025	1024
7440-36-0	Antimony	7.3	U*	01/12/2025	1024
7440-38-2	Arsenic	11		01/12/2025	1024
7440-39-3	Barium	280		01/12/2025	1024
7440-41-7	Beryllium	0.56	J*	01/12/2025	1024
7440-43-9	Cadmium	1.3		01/12/2025	1024
7440-70-2	Calcium	4500		01/12/2025	1024
7440-47-3	Chromium	19		01/12/2025	1024
7440-48-4	Cobalt	9.4		01/12/2025	1024
7440-50-8	Copper	50		01/12/2025	1024
7439-89-6	Iron	18000		01/12/2025	1024
7439-92-1	Lead	640		01/12/2025	1024
7439-95-4	Magnesium	2100		01/12/2025	1024
7439-96-5	Manganese	710		01/12/2025	1024
7440-02-0	Nickel	19		01/12/2025	1024
7440-09-7	Potassium	1000		01/12/2025	1024
7782-49-2	Selenium	3.7	J*	01/12/2025	1024
7440-22-4	Silver	1.2	U*	01/12/2025	1024
7440-23-5	Sodium	610	U	01/12/2025	1024
7440-28-0	Thallium	3.0	U	01/12/2025	1024
7440-62-2	Vanadium	20		01/12/2025	1024
7440-66-6	Zinc	270		01/12/2025	1024

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHMS3

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHMP6

Matrix: SOIL Lab Sample ID: P5197-16

% Solids: 77.9 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	7600		01/12/2025	1028
7440-36-0	Antimony	7.1	U*	01/12/2025	1028
7440-38-2	Arsenic	9.5		01/12/2025	1028
7440-39-3	Barium	110		01/12/2025	1028
7440-41-7	Beryllium	0.50	J*	01/12/2025	1028
7440-43-9	Cadmium	0.98		01/12/2025	1028
7440-70-2	Calcium	3000		01/12/2025	1028
7440-47-3	Chromium	15		01/12/2025	1028
7440-48-4	Cobalt	8.9		01/12/2025	1028
7440-50-8	Copper	31		01/12/2025	1028
7439-89-6	Iron	16000		01/12/2025	1028
7439-92-1	Lead	150		01/12/2025	1028
7439-95-4	Magnesium	1800		01/12/2025	1028
7439-96-5	Manganese	640		01/12/2025	1028
7440-02-0	Nickel	14		01/12/2025	1028
7440-09-7	Potassium	780		01/12/2025	1028
7782-49-2	Selenium	3.5	J*	01/12/2025	1028
7440-22-4	Silver	1.2	U*	01/12/2025	1028
7440-23-5	Sodium	590	U	01/12/2025	1028
7440-28-0	Thallium	2.9	U	01/12/2025	1028
7440-62-2	Vanadium	17		01/12/2025	1028
7440-66-6	Zinc	130		01/12/2025	1028

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHMS4

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHMP6

Matrix: SOIL Lab Sample ID: P5197-17

% 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	7300		01/12/2025	1032
7440-36-0	Antimony	6.3	U*	01/12/2025	1032
7440-38-2	Arsenic	9.5		01/12/2025	1032
7440-39-3	Barium	74		01/12/2025	1032
7440-41-7	Beryllium	0.50	J*	01/12/2025	1032
7440-43-9	Cadmium	0.82		01/12/2025	1032
7440-70-2	Calcium	3800		01/12/2025	1032
7440-47-3	Chromium	13		01/12/2025	1032
7440-48-4	Cobalt	10		01/12/2025	1032
7440-50-8	Copper	30		01/12/2025	1032
7439-89-6	Iron	18000		01/12/2025	1032
7439-92-1	Lead	56		01/12/2025	1032
7439-95-4	Magnesium	2400		01/12/2025	1032
7439-96-5	Manganese	730		01/12/2025	1032
7440-02-0	Nickel	17		01/12/2025	1032
7440-09-7	Potassium	660		01/12/2025	1032
7782-49-2	Selenium	3.5	J*	01/12/2025	1032
7440-22-4	Silver	1.1	U*	01/12/2025	1032
7440-23-5	Sodium	530	U	01/12/2025	1032
7440-28-0	Thallium	2.6	U	01/12/2025	1032
7440-62-2	Vanadium	16		01/12/2025	1032
7440-66-6	Zinc	78		01/12/2025	1032

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHMS5

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHMP6

Matrix: SOIL Lab Sample ID: P5197-18

% 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	5900		01/12/2025	1036
7440-36-0	Antimony	5.7	U*	01/12/2025	1036
7440-38-2	Arsenic	7.8		01/12/2025	1036
7440-39-3	Barium	110		01/12/2025	1036
7440-41-7	Beryllium	0.52	*	01/12/2025	1036
7440-43-9	Cadmium	0.94		01/12/2025	1036
7440-70-2	Calcium	4100		01/12/2025	1036
7440-47-3	Chromium	11		01/12/2025	1036
7440-48-4	Cobalt	11		01/12/2025	1036
7440-50-8	Copper	20		01/12/2025	1036
7439-89-6	Iron	16000		01/12/2025	1036
7439-92-1	Lead	18		01/12/2025	1036
7439-95-4	Magnesium	2000		01/12/2025	1036
7439-96-5	Manganese	1600		01/12/2025	1036
7440-02-0	Nickel	20		01/12/2025	1036
7440-09-7	Potassium	610		01/12/2025	1036
7782-49-2	Selenium	2.9	J*	01/12/2025	1036
7440-22-4	Silver	0.95	U*	01/12/2025	1036
7440-23-5	Sodium	480	U	01/12/2025	1036
7440-28-0	Thallium	2.4	U	01/12/2025	1036
7440-62-2	Vanadium	12		01/12/2025	1036
7440-66-6	Zinc	45		01/12/2025	1036

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHMS6

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHMP6

Matrix: SOIL Lab Sample ID: P5197-19

% Solids: 80.3 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	5700		01/12/2025	1040
7440-36-0	Antimony	5.8	U*	01/12/2025	1040
7440-38-2	Arsenic	9.6		01/12/2025	1040
7440-39-3	Barium	120		01/12/2025	1040
7440-41-7	Beryllium	0.48	*	01/12/2025	1040
7440-43-9	Cadmium	0.90		01/12/2025	1040
7440-70-2	Calcium	3900		01/12/2025	1040
7440-47-3	Chromium	12		01/12/2025	1040
7440-48-4	Cobalt	14		01/12/2025	1040
7440-50-8	Copper	23		01/12/2025	1040
7439-89-6	Iron	19000		01/12/2025	1040
7439-92-1	Lead	19		01/12/2025	1040
7439-95-4	Magnesium	2100		01/12/2025	1040
7439-96-5	Manganese	1200		01/12/2025	1040
7440-02-0	Nickel	21		01/12/2025	1040
7440-09-7	Potassium	630		01/12/2025	1040
7782-49-2	Selenium	3.6	*	01/12/2025	1040
7440-22-4	Silver	0.96	U*	01/12/2025	1040
7440-23-5	Sodium	480	U	01/12/2025	1040
7440-28-0	Thallium	2.4	U	01/12/2025	1040
7440-62-2	Vanadium	13		01/12/2025	1040
7440-66-6	Zinc	50		01/12/2025	1040

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHMS7

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHMP6

Matrix: SOIL Lab Sample ID: P5197-20

% Solids: 86.6 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	2300		01/12/2025	1044
7440-36-0	Antimony	5.5	U*	01/12/2025	1044
7440-38-2	Arsenic	2.8		01/12/2025	1044
7440-39-3	Barium	22		01/12/2025	1044
7440-41-7	Beryllium	0.18	J*	01/12/2025	1044
7440-43-9	Cadmium	0.22	J	01/12/2025	1044
7440-70-2	Calcium	190000	D	01/13/2025	1254
7440-47-3	Chromium	4.6		01/12/2025	1044
7440-48-4	Cobalt	2.3	J	01/12/2025	1044
7440-50-8	Copper	11		01/12/2025	1044
7439-89-6	Iron	7200		01/12/2025	1044
7439-92-1	Lead	7.0		01/12/2025	1044
7439-95-4	Magnesium	39000		01/12/2025	1044
7439-96-5	Manganese	500		01/12/2025	1044
7440-02-0	Nickel	5.3		01/12/2025	1044
7440-09-7	Potassium	460		01/12/2025	1044
7782-49-2	Selenium	3.2	U*	01/12/2025	1044
7440-22-4	Silver	0.92	U*	01/12/2025	1044
7440-23-5	Sodium	460	U	01/12/2025	1044
7440-28-0	Thallium	2.3	U	01/12/2025	1044
7440-62-2	Vanadium	5.9		01/12/2025	1044
7440-66-6	Zinc	22		01/12/2025	1044

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHMT8

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHMP6

Matrix: SOIL Lab Sample ID: P5197-21

% Solids: 66.6 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	5300		01/12/2025	1048
7440-36-0	Antimony	8.1	U*	01/12/2025	1048
7440-38-2	Arsenic	8.1		01/12/2025	1048
7440-39-3	Barium	58		01/12/2025	1048
7440-41-7	Beryllium	0.38	J*	01/12/2025	1048
7440-43-9	Cadmium	0.70		01/12/2025	1048
7440-70-2	Calcium	7200		01/12/2025	1048
7440-47-3	Chromium	13		01/12/2025	1048
7440-48-4	Cobalt	6.5	J	01/12/2025	1048
7440-50-8	Copper	22		01/12/2025	1048
7439-89-6	Iron	12000		01/12/2025	1048
7439-92-1	Lead	93		01/12/2025	1048
7439-95-4	Magnesium	2100		01/12/2025	1048
7439-96-5	Manganese	780		01/12/2025	1048
7440-02-0	Nickel	16		01/12/2025	1048
7440-09-7	Potassium	790		01/12/2025	1048
7782-49-2	Selenium	2.5	J*	01/12/2025	1048
7440-22-4	Silver	1.4	U*	01/12/2025	1048
7440-23-5	Sodium	680	U	01/12/2025	1048
7440-28-0	Thallium	3.4	U	01/12/2025	1048
7440-62-2	Vanadium	14		01/12/2025	1048
7440-66-6	Zinc	120		01/12/2025	1048

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHMT9

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHMP6

Matrix: SOIL Lab Sample ID: P5197-22

% Solids: 72.4 Date Received: 12/07/2024

Analytical Method: ICP_AES

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	5100		01/12/2025	1052
7440-36-0	Antimony	7.0	U*	01/12/2025	1052
7440-38-2	Arsenic	8.0		01/12/2025	1052
7440-39-3	Barium	53		01/12/2025	1052
7440-41-7	Beryllium	0.36	J*	01/12/2025	1052
7440-43-9	Cadmium	0.65		01/12/2025	1052
7440-70-2	Calcium	4200		01/12/2025	1052
7440-47-3	Chromium	10		01/12/2025	1052
7440-48-4	Cobalt	6.3		01/12/2025	1052
7440-50-8	Copper	20		01/12/2025	1052
7439-89-6	Iron	12000		01/12/2025	1052
7439-92-1	Lead	93		01/12/2025	1052
7439-95-4	Magnesium	1600		01/12/2025	1052
7439-96-5	Manganese	730		01/12/2025	1052
7440-02-0	Nickel	15		01/12/2025	1052
7440-09-7	Potassium	600		01/12/2025	1052
7782-49-2	Selenium	2.9	J*	01/12/2025	1052
7440-22-4	Silver	1.2	U*	01/12/2025	1052
7440-23-5	Sodium	590	U	01/12/2025	1052
7440-28-0	Thallium	2.9	U	01/12/2025	1052
7440-62-2	Vanadium	13		01/12/2025	1052
7440-66-6	Zinc	93		01/12/2025	1052

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

Comments: