

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHM62

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHM62

Matrix: SOIL Lab Sample ID: P5122-01

% 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	3800		01/06/2025	1707
7440-36-0	Antimony	3.1	J	01/06/2025	1707
7440-38-2	Arsenic	5.8		01/06/2025	1707
7440-39-3	Barium	76		01/06/2025	1707
7440-41-7	Beryllium	0.27	J	01/06/2025	1707
7440-43-9	Cadmium	0.23	J	01/06/2025	1707
7440-70-2	Calcium	60000		01/06/2025	1707
7440-47-3	Chromium	7.8		01/06/2025	1707
7440-48-4	Cobalt	10	*	01/06/2025	1707
7440-50-8	Copper	11		01/06/2025	1707
7439-89-6	Iron	15000		01/06/2025	1707
7439-92-1	Lead	14		01/06/2025	1707
7439-95-4	Magnesium	14000		01/06/2025	1707
7439-96-5	Manganese	2100		01/06/2025	1707
7440-02-0	Nickel	13		01/06/2025	1707
7440-09-7	Potassium	480		01/06/2025	1707
7782-49-2	Selenium	4.5		01/06/2025	1707
7440-22-4	Silver	0.93	U*	01/06/2025	1707
7440-23-5	Sodium	100	J	01/06/2025	1707
7440-28-0	Thallium	1.7	J*	01/06/2025	1707
7440-62-2	Vanadium	11		01/06/2025	1707
7440-66-6	Zinc	21		01/06/2025	1707

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHM63

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHM62

Matrix: SOIL Lab Sample ID: P5122-02

% Solids: 63.5 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	6500		01/06/2025	1711
7440-36-0	Antimony	16		01/06/2025	1711
7440-38-2	Arsenic	26		01/06/2025	1711
7440-39-3	Barium	410		01/06/2025	1711
7440-41-7	Beryllium	1.1		01/06/2025	1711
7440-43-9	Cadmium	1.4		01/06/2025	1711
7440-70-2	Calcium	17000		01/06/2025	1711
7440-47-3	Chromium	31		01/06/2025	1711
7440-48-4	Cobalt	16	*	01/06/2025	1711
7440-50-8	Copper	97		01/06/2025	1711
7439-89-6	Iron	43000		01/06/2025	1711
7439-92-1	Lead	1500		01/06/2025	1711
7439-95-4	Magnesium	4500		01/06/2025	1711
7439-96-5	Manganese	560		01/06/2025	1711
7440-02-0	Nickel	48		01/06/2025	1711
7440-09-7	Potassium	1000		01/06/2025	1711
7782-49-2	Selenium	20		01/06/2025	1711
7440-22-4	Silver	1.3	U*	01/06/2025	1711
7440-23-5	Sodium	140	J	01/06/2025	1711
7440-28-0	Thallium	3.3	U*	01/06/2025	1711
7440-62-2	Vanadium	29		01/06/2025	1711
7440-66-6	Zinc	670		01/06/2025	1711

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHM64

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHM62

Matrix: SOIL Lab Sample ID: P5122-03

% Solids: 67.3 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		01/06/2025	1715
7440-36-0	Antimony	6.9		01/06/2025	1715
7440-38-2	Arsenic	21		01/06/2025	1715
7440-39-3	Barium	340		01/06/2025	1715
7440-41-7	Beryllium	0.84		01/06/2025	1715
7440-43-9	Cadmium	1.3		01/06/2025	1715
7440-70-2	Calcium	19000		01/06/2025	1715
7440-47-3	Chromium	24		01/06/2025	1715
7440-48-4	Cobalt	13	*	01/06/2025	1715
7440-50-8	Copper	72		01/06/2025	1715
7439-89-6	Iron	24000		01/06/2025	1715
7439-92-1	Lead	1100		01/06/2025	1715
7439-95-4	Magnesium	4700		01/06/2025	1715
7439-96-5	Manganese	550		01/06/2025	1715
7440-02-0	Nickel	30		01/06/2025	1715
7440-09-7	Potassium	900		01/06/2025	1715
7782-49-2	Selenium	10		01/06/2025	1715
7440-22-4	Silver	1.1	U*	01/06/2025	1715
7440-23-5	Sodium	560	U	01/06/2025	1715
7440-28-0	Thallium	2.8	U*	01/06/2025	1715
7440-62-2	Vanadium	26		01/06/2025	1715
7440-66-6	Zinc	600		01/06/2025	1715

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHM65

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHM62

Matrix: SOIL Lab Sample ID: P5122-04

% Solids: 75.3 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	5500		01/06/2025	1719
7440-36-0	Antimony	6.5		01/06/2025	1719
7440-38-2	Arsenic	22		01/06/2025	1719
7440-39-3	Barium	310		01/06/2025	1719
7440-41-7	Beryllium	0.78		01/06/2025	1719
7440-43-9	Cadmium	1.2		01/06/2025	1719
7440-70-2	Calcium	21000		01/06/2025	1719
7440-47-3	Chromium	23		01/06/2025	1719
7440-48-4	Cobalt	13	*	01/06/2025	1719
7440-50-8	Copper	68		01/06/2025	1719
7439-89-6	Iron	22000		01/06/2025	1719
7439-92-1	Lead	990		01/06/2025	1719
7439-95-4	Magnesium	4800		01/06/2025	1719
7439-96-5	Manganese	500		01/06/2025	1719
7440-02-0	Nickel	29		01/06/2025	1719
7440-09-7	Potassium	670		01/06/2025	1719
7782-49-2	Selenium	8.2		01/06/2025	1719
7440-22-4	Silver	0.98	U*	01/06/2025	1719
7440-23-5	Sodium	110	J	01/06/2025	1719
7440-28-0	Thallium	2.4	U*	01/06/2025	1719
7440-62-2	Vanadium	27		01/06/2025	1719
7440-66-6	Zinc	540		01/06/2025	1719

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHM66

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHM62

Matrix: SOIL Lab Sample ID: P5122-05

% Solids: 74.3 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		01/06/2025	1723
7440-36-0	Antimony	4.6	J	01/06/2025	1723
7440-38-2	Arsenic	15		01/06/2025	1723
7440-39-3	Barium	220		01/06/2025	1723
7440-41-7	Beryllium	0.68		01/06/2025	1723
7440-43-9	Cadmium	1.0		01/06/2025	1723
7440-70-2	Calcium	16000		01/06/2025	1723
7440-47-3	Chromium	17		01/06/2025	1723
7440-48-4	Cobalt	12	*	01/06/2025	1723
7440-50-8	Copper	71		01/06/2025	1723
7439-89-6	Iron	18000		01/06/2025	1723
7439-92-1	Lead	390		01/06/2025	1723
7439-95-4	Magnesium	3700		01/06/2025	1723
7439-96-5	Manganese	640		01/06/2025	1723
7440-02-0	Nickel	20		01/06/2025	1723
7440-09-7	Potassium	590		01/06/2025	1723
7782-49-2	Selenium	6.5		01/06/2025	1723
7440-22-4	Silver	1.0	U*	01/06/2025	1723
7440-23-5	Sodium	510	U	01/06/2025	1723
7440-28-0	Thallium	2.6	U*	01/06/2025	1723
7440-62-2	Vanadium	19		01/06/2025	1723
7440-66-6	Zinc	270		01/06/2025	1723

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHM67

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHM62

Matrix: SOIL Lab Sample ID: P5122-06

% Solids: 73.5 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		01/06/2025	1726
7440-36-0	Antimony	3.3	J	01/06/2025	1726
7440-38-2	Arsenic	12		01/06/2025	1726
7440-39-3	Barium	200		01/06/2025	1726
7440-41-7	Beryllium	0.62		01/06/2025	1726
7440-43-9	Cadmium	1.0		01/06/2025	1726
7440-70-2	Calcium	13000		01/06/2025	1726
7440-47-3	Chromium	15		01/06/2025	1726
7440-48-4	Cobalt	13	*	01/06/2025	1726
7440-50-8	Copper	35		01/06/2025	1726
7439-89-6	Iron	16000		01/06/2025	1726
7439-92-1	Lead	180		01/06/2025	1726
7439-95-4	Magnesium	3400		01/06/2025	1726
7439-96-5	Manganese	1000		01/06/2025	1726
7440-02-0	Nickel	19		01/06/2025	1726
7440-09-7	Potassium	670		01/06/2025	1726
7782-49-2	Selenium	6.4		01/06/2025	1726
7440-22-4	Silver	0.94	U*	01/06/2025	1726
7440-23-5	Sodium	470	U	01/06/2025	1726
7440-28-0	Thallium	2.4	U*	01/06/2025	1726
7440-62-2	Vanadium	16		01/06/2025	1726
7440-66-6	Zinc	140		01/06/2025	1726

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHM68

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHM62

Matrix: SOIL Lab Sample ID: P5122-07

% 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	5500		01/06/2025	1730
7440-36-0	Antimony	2.3	J	01/06/2025	1730
7440-38-2	Arsenic	6.1		01/06/2025	1730
7440-39-3	Barium	68		01/06/2025	1730
7440-41-7	Beryllium	0.40	J	01/06/2025	1730
7440-43-9	Cadmium	0.25	J	01/06/2025	1730
7440-70-2	Calcium	62000		01/06/2025	1730
7440-47-3	Chromium	9.5		01/06/2025	1730
7440-48-4	Cobalt	12	*	01/06/2025	1730
7440-50-8	Copper	17		01/06/2025	1730
7439-89-6	Iron	14000		01/06/2025	1730
7439-92-1	Lead	22		01/06/2025	1730
7439-95-4	Magnesium	13000		01/06/2025	1730
7439-96-5	Manganese	880		01/06/2025	1730
7440-02-0	Nickel	17		01/06/2025	1730
7440-09-7	Potassium	720		01/06/2025	1730
7782-49-2	Selenium	3.5		01/06/2025	1730
7440-22-4	Silver	0.88	U*	01/06/2025	1730
7440-23-5	Sodium	110	J	01/06/2025	1730
7440-28-0	Thallium	0.71	J*	01/06/2025	1730
7440-62-2	Vanadium	13		01/06/2025	1730
7440-66-6	Zinc	40		01/06/2025	1730

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHM69

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHM62

Matrix: SOIL Lab Sample ID: P5122-08

% Solids: 89 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	4200		01/06/2025	1734
7440-36-0	Antimony	1.8	J	01/06/2025	1734
7440-38-2	Arsenic	3.6		01/06/2025	1734
7440-39-3	Barium	50		01/06/2025	1734
7440-41-7	Beryllium	0.34	J	01/06/2025	1734
7440-43-9	Cadmium	0.19	J	01/06/2025	1734
7440-70-2	Calcium	93000	D	01/06/2025	2017
7440-47-3	Chromium	8.6		01/06/2025	1734
7440-48-4	Cobalt	9.9	*	01/06/2025	1734
7440-50-8	Copper	17		01/06/2025	1734
7439-89-6	Iron	11000		01/06/2025	1734
7439-92-1	Lead	14		01/06/2025	1734
7439-95-4	Magnesium	19000		01/06/2025	1734
7439-96-5	Manganese	680		01/06/2025	1734
7440-02-0	Nickel	13		01/06/2025	1734
7440-09-7	Potassium	620		01/06/2025	1734
7782-49-2	Selenium	1.9	J	01/06/2025	1734
7440-22-4	Silver	0.83	U*	01/06/2025	1734
7440-23-5	Sodium	130	J	01/06/2025	1734
7440-28-0	Thallium	1.7	J*	01/06/2025	1734
7440-62-2	Vanadium	9.9		01/06/2025	1734
7440-66-6	Zinc	35		01/06/2025	1734

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHMC6

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHM62

Matrix: SOIL Lab Sample ID: P5122-09

% Solids: 67.2 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	5700		01/06/2025	1738
7440-36-0	Antimony	6.3	J	01/06/2025	1738
7440-38-2	Arsenic	19		01/06/2025	1738
7440-39-3	Barium	290		01/06/2025	1738
7440-41-7	Beryllium	0.82		01/06/2025	1738
7440-43-9	Cadmium	1.6		01/06/2025	1738
7440-70-2	Calcium	24000		01/06/2025	1738
7440-47-3	Chromium	22		01/06/2025	1738
7440-48-4	Cobalt	12	*	01/06/2025	1738
7440-50-8	Copper	61		01/06/2025	1738
7439-89-6	Iron	23000		01/06/2025	1738
7439-92-1	Lead	1000		01/06/2025	1738
7439-95-4	Magnesium	6700		01/06/2025	1738
7439-96-5	Manganese	640		01/06/2025	1738
7440-02-0	Nickel	33		01/06/2025	1738
7440-09-7	Potassium	940		01/06/2025	1738
7782-49-2	Selenium	8.8		01/06/2025	1738
7440-22-4	Silver	1.1	U*	01/06/2025	1738
7440-23-5	Sodium	560	U	01/06/2025	1738
7440-28-0	Thallium	2.8	U*	01/06/2025	1738
7440-62-2	Vanadium	23		01/06/2025	1738
7440-66-6	Zinc	530		01/06/2025	1738

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHMC7

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHM62

Matrix: SOIL Lab Sample ID: P5122-10

% Solids: 74.4 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	5600		01/06/2025	1742
7440-36-0	Antimony	6.3	J	01/06/2025	1742
7440-38-2	Arsenic	21		01/06/2025	1742
7440-39-3	Barium	280		01/06/2025	1742
7440-41-7	Beryllium	0.83		01/06/2025	1742
7440-43-9	Cadmium	1.5		01/06/2025	1742
7440-70-2	Calcium	31000		01/06/2025	1742
7440-47-3	Chromium	22		01/06/2025	1742
7440-48-4	Cobalt	13	*	01/06/2025	1742
7440-50-8	Copper	64		01/06/2025	1742
7439-89-6	Iron	24000		01/06/2025	1742
7439-92-1	Lead	1200		01/06/2025	1742
7439-95-4	Magnesium	7400		01/06/2025	1742
7439-96-5	Manganese	710		01/06/2025	1742
7440-02-0	Nickel	35		01/06/2025	1742
7440-09-7	Potassium	840		01/06/2025	1742
7782-49-2	Selenium	8.5		01/06/2025	1742
7440-22-4	Silver	1.1	U*	01/06/2025	1742
7440-23-5	Sodium	540	U	01/06/2025	1742
7440-28-0	Thallium	2.7	U*	01/06/2025	1742
7440-62-2	Vanadium	21		01/06/2025	1742
7440-66-6	Zinc	540		01/06/2025	1742

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHMC8

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHM62

Matrix: SOIL Lab Sample ID: P5122-11

% 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		01/06/2025	1745
7440-36-0	Antimony	7.1		01/06/2025	1745
7440-38-2	Arsenic	26		01/06/2025	1745
7440-39-3	Barium	380		01/06/2025	1745
7440-41-7	Beryllium	0.82		01/06/2025	1745
7440-43-9	Cadmium	1.7		01/06/2025	1745
7440-70-2	Calcium	39000		01/06/2025	1745
7440-47-3	Chromium	20		01/06/2025	1745
7440-48-4	Cobalt	13	*	01/06/2025	1745
7440-50-8	Copper	76		01/06/2025	1745
7439-89-6	Iron	27000		01/06/2025	1745
7439-92-1	Lead	3200		01/06/2025	1745
7439-95-4	Magnesium	5900		01/06/2025	1745
7439-96-5	Manganese	610		01/06/2025	1745
7440-02-0	Nickel	34		01/06/2025	1745
7440-09-7	Potassium	740		01/06/2025	1745
7782-49-2	Selenium	11		01/06/2025	1745
7440-22-4	Silver	0.96	U*	01/06/2025	1745
7440-23-5	Sodium	120	J	01/06/2025	1745
7440-28-0	Thallium	2.4	U*	01/06/2025	1745
7440-62-2	Vanadium	20		01/06/2025	1745
7440-66-6	Zinc	740		01/06/2025	1745

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHMC9

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHM62

Matrix: SOIL Lab Sample ID: P5122-12

% Solids: 81.5 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		01/06/2025	0216
7440-36-0	Antimony	5.4		01/06/2025	0216
7440-38-2	Arsenic	12		01/06/2025	0216
7440-39-3	Barium	170		01/06/2025	0216
7440-41-7	Beryllium	0.68		01/06/2025	0216
7440-43-9	Cadmium	0.65		01/06/2025	0216
7440-70-2	Calcium	39000		01/06/2025	0216
7440-47-3	Chromium	15		01/06/2025	0216
7440-48-4	Cobalt	11	*	01/06/2025	0216
7440-50-8	Copper	35		01/06/2025	0216
7439-89-6	Iron	19000		01/06/2025	0216
7439-92-1	Lead	450		01/06/2025	0216
7439-95-4	Magnesium	6200		01/06/2025	0216
7439-96-5	Manganese	600		01/06/2025	0216
7440-02-0	Nickel	21		01/06/2025	0216
7440-09-7	Potassium	960		01/06/2025	0216
7782-49-2	Selenium	7.4		01/06/2025	0216
7440-22-4	Silver	0.90	U*	01/06/2025	0216
7440-23-5	Sodium	130	J	01/06/2025	0216
7440-28-0	Thallium	2.3	U*	01/06/2025	0216
7440-62-2	Vanadium	21		01/06/2025	0216
7440-66-6	Zinc	280		01/06/2025	0216

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHMD0

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHM62

Matrix: SOIL Lab Sample ID: P5122-15

% Solids: 75.7 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	4200		01/06/2025	1749
7440-36-0	Antimony	4.1	J	01/06/2025	1749
7440-38-2	Arsenic	9.7		01/06/2025	1749
7440-39-3	Barium	150		01/06/2025	1749
7440-41-7	Beryllium	0.43	J	01/06/2025	1749
7440-43-9	Cadmium	0.48		01/06/2025	1749
7440-70-2	Calcium	63000		01/06/2025	1749
7440-47-3	Chromium	13		01/06/2025	1749
7440-48-4	Cobalt	9.6	*	01/06/2025	1749
7440-50-8	Copper	47		01/06/2025	1749
7439-89-6	Iron	15000		01/06/2025	1749
7439-92-1	Lead	370		01/06/2025	1749
7439-95-4	Magnesium	14000		01/06/2025	1749
7439-96-5	Manganese	850		01/06/2025	1749
7440-02-0	Nickel	12		01/06/2025	1749
7440-09-7	Potassium	490		01/06/2025	1749
7782-49-2	Selenium	2.9	J	01/06/2025	1749
7440-22-4	Silver	0.96	U*	01/06/2025	1749
7440-23-5	Sodium	110	J	01/06/2025	1749
7440-28-0	Thallium	0.90	J*	01/06/2025	1749
7440-62-2	Vanadium	12		01/06/2025	1749
7440-66-6	Zinc	190		01/06/2025	1749

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHMD1

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHM62

Matrix: SOIL Lab Sample ID: P5122-16

% Solids: 88.4 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	5000		01/06/2025	1753
7440-36-0	Antimony	3.7	J	01/06/2025	1753
7440-38-2	Arsenic	14		01/06/2025	1753
7440-39-3	Barium	290		01/06/2025	1753
7440-41-7	Beryllium	0.28	J	01/06/2025	1753
7440-43-9	Cadmium	0.76		01/06/2025	1753
7440-70-2	Calcium	8300		01/06/2025	1753
7440-47-3	Chromium	16		01/06/2025	1753
7440-48-4	Cobalt	12	*	01/06/2025	1753
7440-50-8	Copper	38		01/06/2025	1753
7439-89-6	Iron	17000		01/06/2025	1753
7439-92-1	Lead	200		01/06/2025	1753
7439-95-4	Magnesium	2400		01/06/2025	1753
7439-96-5	Manganese	4000	D	01/06/2025	2021
7440-02-0	Nickel	15		01/06/2025	1753
7440-09-7	Potassium	410		01/06/2025	1753
7782-49-2	Selenium	9.6		01/06/2025	1753
7440-22-4	Silver	0.76	U*	01/06/2025	1753
7440-23-5	Sodium	380	U	01/06/2025	1753
7440-28-0	Thallium	1.3	J*	01/06/2025	1753
7440-62-2	Vanadium	13		01/06/2025	1753
7440-66-6	Zinc	150		01/06/2025	1753

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHMD2

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHM62

Matrix: SOIL Lab Sample ID: P5122-17

% Solids: 37.3 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	2800		01/06/2025	1757
7440-36-0	Antimony	4.1	J	01/06/2025	1757
7440-38-2	Arsenic	15		01/06/2025	1757
7440-39-3	Barium	140		01/06/2025	1757
7440-41-7	Beryllium	0.37	J	01/06/2025	1757
7440-43-9	Cadmium	0.71	J	01/06/2025	1757
7440-70-2	Calcium	22000		01/06/2025	1757
7440-47-3	Chromium	26		01/06/2025	1757
7440-48-4	Cobalt	14	*	01/06/2025	1757
7440-50-8	Copper	44		01/06/2025	1757
7439-89-6	Iron	19000		01/06/2025	1757
7439-92-1	Lead	24		01/06/2025	1757
7439-95-4	Magnesium	1800		01/06/2025	1757
7439-96-5	Manganese	930		01/06/2025	1757
7440-02-0	Nickel	12		01/06/2025	1757
7440-09-7	Potassium	1100	U	01/06/2025	1757
7782-49-2	Selenium	6.8	J	01/06/2025	1757
7440-22-4	Silver	2.3	U*	01/06/2025	1757
7440-23-5	Sodium	1100	U	01/06/2025	1757
7440-28-0	Thallium	5.7	U*	01/06/2025	1757
7440-62-2	Vanadium	11		01/06/2025	1757
7440-66-6	Zinc	47		01/06/2025	1757

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHMD3

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHM62

Matrix: SOIL Lab Sample ID: P5122-18

% Solids: 79.5 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	1800		01/06/2025	1800
7440-36-0	Antimony	1.6	J	01/06/2025	1800
7440-38-2	Arsenic	7.6		01/06/2025	1800
7440-39-3	Barium	61		01/06/2025	1800
7440-41-7	Beryllium	0.31	J	01/06/2025	1800
7440-43-9	Cadmium	0.057	J	01/06/2025	1800
7440-70-2	Calcium	6000		01/06/2025	1800
7440-47-3	Chromium	2.4		01/06/2025	1800
7440-48-4	Cobalt	5.0	*	01/06/2025	1800
7440-50-8	Copper	22		01/06/2025	1800
7439-89-6	Iron	6100		01/06/2025	1800
7439-92-1	Lead	62		01/06/2025	1800
7439-95-4	Magnesium	910		01/06/2025	1800
7439-96-5	Manganese	75		01/06/2025	1800
7440-02-0	Nickel	5.7		01/06/2025	1800
7440-09-7	Potassium	130	J	01/06/2025	1800
7782-49-2	Selenium	1.4	J	01/06/2025	1800
7440-22-4	Silver	0.91	U*	01/06/2025	1800
7440-23-5	Sodium	180	J	01/06/2025	1800
7440-28-0	Thallium	2.3	U*	01/06/2025	1800
7440-62-2	Vanadium	8.8		01/06/2025	1800
7440-66-6	Zinc	29		01/06/2025	1800

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHMD4

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHM62

Matrix: SOIL Lab Sample ID: P5122-19

% Solids: 73.3 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	7100		01/06/2025	1857
7440-36-0	Antimony	6.0	J	01/06/2025	1857
7440-38-2	Arsenic	19		01/06/2025	1857
7440-39-3	Barium	300		01/06/2025	1857
7440-41-7	Beryllium	0.82		01/06/2025	1857
7440-43-9	Cadmium	1.5		01/06/2025	1857
7440-70-2	Calcium	20000		01/06/2025	1857
7440-47-3	Chromium	20		01/06/2025	1857
7440-48-4	Cobalt	13	*	01/06/2025	1857
7440-50-8	Copper	54		01/06/2025	1857
7439-89-6	Iron	24000		01/06/2025	1857
7439-92-1	Lead	450		01/06/2025	1857
7439-95-4	Magnesium	4200		01/06/2025	1857
7439-96-5	Manganese	1100		01/06/2025	1857
7440-02-0	Nickel	24		01/06/2025	1857
7440-09-7	Potassium	630		01/06/2025	1857
7782-49-2	Selenium	9.2		01/06/2025	1857
7440-22-4	Silver	1.1	U*	01/06/2025	1857
7440-23-5	Sodium	560	U	01/06/2025	1857
7440-28-0	Thallium	2.8	U*	01/06/2025	1857
7440-62-2	Vanadium	24		01/06/2025	1857
7440-66-6	Zinc	340		01/06/2025	1857

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

Comments: