

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHN64

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHN64

Matrix: SOIL Lab Sample ID: P5204-01

% Solids: 84.4 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	7100		01/08/2025	2048
7440-36-0	Antimony	2.0	J	01/08/2025	2048
7440-38-2	Arsenic	10		01/08/2025	2048
7440-39-3	Barium	98		01/08/2025	2048
7440-41-7	Beryllium	0.71		01/08/2025	2048
7440-43-9	Cadmium	0.56		01/08/2025	2048
7440-70-2	Calcium	20000		01/08/2025	2048
7440-47-3	Chromium	9.6		01/08/2025	2048
7440-48-4	Cobalt	12	*	01/08/2025	2048
7440-50-8	Copper	21		01/08/2025	2048
7439-89-6	Iron	14000		01/08/2025	2048
7439-92-1	Lead	98		01/08/2025	2048
7439-95-4	Magnesium	4000		01/08/2025	2048
7439-96-5	Manganese	780		01/08/2025	2048
7440-02-0	Nickel	13		01/08/2025	2048
7440-09-7	Potassium	61	J	01/08/2025	2048
7782-49-2	Selenium	5.8	*	01/08/2025	2048
7440-22-4	Silver	0.98	U*	01/08/2025	2048
7440-23-5	Sodium	490	U	01/08/2025	2048
7440-28-0	Thallium	2.5	U*	01/08/2025	2048
7440-62-2	Vanadium	14		01/08/2025	2048
7440-66-6	Zinc	120		01/08/2025	2048

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHN65

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHN64

Matrix: SOIL Lab Sample ID: P5204-02

% Solids: 89 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	4100		01/08/2025	2052
7440-36-0	Antimony	1.1	J	01/08/2025	2052
7440-38-2	Arsenic	7.9		01/08/2025	2052
7440-39-3	Barium	140		01/08/2025	2052
7440-41-7	Beryllium	0.43	J	01/08/2025	2052
7440-43-9	Cadmium	0.50		01/08/2025	2052
7440-70-2	Calcium	57000		01/08/2025	2052
7440-47-3	Chromium	7.5		01/08/2025	2052
7440-48-4	Cobalt	15	*	01/08/2025	2052
7440-50-8	Copper	25		01/08/2025	2052
7439-89-6	Iron	13000		01/08/2025	2052
7439-92-1	Lead	30		01/08/2025	2052
7439-95-4	Magnesium	9800		01/08/2025	2052
7439-96-5	Manganese	2200		01/08/2025	2052
7440-02-0	Nickel	15		01/08/2025	2052
7440-09-7	Potassium	470	U	01/08/2025	2052
7782-49-2	Selenium	4.2	*	01/08/2025	2052
7440-22-4	Silver	0.94	U*	01/08/2025	2052
7440-23-5	Sodium	110	J	01/08/2025	2052
7440-28-0	Thallium	1.7	J*	01/08/2025	2052
7440-62-2	Vanadium	5.4		01/08/2025	2052
7440-66-6	Zinc	47		01/08/2025	2052

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHN66

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHN64

Matrix: SOIL Lab Sample ID: P5204-03

% Solids: 88.3 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	3200		01/08/2025	2056
7440-36-0	Antimony	0.47	J	01/08/2025	2056
7440-38-2	Arsenic	13		01/08/2025	2056
7440-39-3	Barium	62		01/08/2025	2056
7440-41-7	Beryllium	0.45	J	01/08/2025	2056
7440-43-9	Cadmium	0.33	J	01/08/2025	2056
7440-70-2	Calcium	150000	D	01/09/2025	0114
7440-47-3	Chromium	6.4		01/08/2025	2056
7440-48-4	Cobalt	19	*	01/08/2025	2056
7440-50-8	Copper	41		01/08/2025	2056
7439-89-6	Iron	11000		01/08/2025	2056
7439-92-1	Lead	24		01/08/2025	2056
7439-95-4	Magnesium	8100		01/08/2025	2056
7439-96-5	Manganese	1000		01/08/2025	2056
7440-02-0	Nickel	15		01/08/2025	2056
7440-09-7	Potassium	210	J	01/08/2025	2056
7782-49-2	Selenium	1.5	J*	01/08/2025	2056
7440-22-4	Silver	0.91	U*	01/08/2025	2056
7440-23-5	Sodium	130	J	01/08/2025	2056
7440-28-0	Thallium	1.9	J*	01/08/2025	2056
7440-62-2	Vanadium	6.2		01/08/2025	2056
7440-66-6	Zinc	33		01/08/2025	2056

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHN67

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHN64

Matrix: SOIL Lab Sample ID: P5204-04

% Solids: 90.6 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	2600		01/08/2025	2100
7440-36-0	Antimony	0.84	J	01/08/2025	2100
7440-38-2	Arsenic	2.4		01/08/2025	2100
7440-39-3	Barium	24		01/08/2025	2100
7440-41-7	Beryllium	0.29	J	01/08/2025	2100
7440-43-9	Cadmium	0.075	J	01/08/2025	2100
7440-70-2	Calcium	33000		01/08/2025	2100
7440-47-3	Chromium	4.6		01/08/2025	2100
7440-48-4	Cobalt	8.2	*	01/08/2025	2100
7440-50-8	Copper	16		01/08/2025	2100
7439-89-6	Iron	7100		01/08/2025	2100
7439-92-1	Lead	5.7		01/08/2025	2100
7439-95-4	Magnesium	5100		01/08/2025	2100
7439-96-5	Manganese	320		01/08/2025	2100
7440-02-0	Nickel	6.9		01/08/2025	2100
7440-09-7	Potassium	430	U	01/08/2025	2100
7782-49-2	Selenium	3.0	U*	01/08/2025	2100
7440-22-4	Silver	0.86	U*	01/08/2025	2100
7440-23-5	Sodium	90	J	01/08/2025	2100
7440-28-0	Thallium	1.1	J*	01/08/2025	2100
7440-62-2	Vanadium	7.3		01/08/2025	2100
7440-66-6	Zinc	16		01/08/2025	2100

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHN89

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHN64

Matrix: SOIL Lab Sample ID: P5204-05

% Solids: 72.3 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	6100		01/08/2025	2103
7440-36-0	Antimony	2.5	J	01/08/2025	2103
7440-38-2	Arsenic	15		01/08/2025	2103
7440-39-3	Barium	120		01/08/2025	2103
7440-41-7	Beryllium	0.77		01/08/2025	2103
7440-43-9	Cadmium	0.81		01/08/2025	2103
7440-70-2	Calcium	14000		01/08/2025	2103
7440-47-3	Chromium	35		01/08/2025	2103
7440-48-4	Cobalt	11	*	01/08/2025	2103
7440-50-8	Copper	36		01/08/2025	2103
7439-89-6	Iron	15000		01/08/2025	2103
7439-92-1	Lead	540		01/08/2025	2103
7439-95-4	Magnesium	4600		01/08/2025	2103
7439-96-5	Manganese	700		01/08/2025	2103
7440-02-0	Nickel	20		01/08/2025	2103
7440-09-7	Potassium	230	J	01/08/2025	2103
7782-49-2	Selenium	6.5	*	01/08/2025	2103
7440-22-4	Silver	1.0	U*	01/08/2025	2103
7440-23-5	Sodium	520	U	01/08/2025	2103
7440-28-0	Thallium	2.6	U*	01/08/2025	2103
7440-62-2	Vanadium	15		01/08/2025	2103
7440-66-6	Zinc	170		01/08/2025	2103

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHN90

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHN64

Matrix: SOIL Lab Sample ID: P5204-06

% Solids: 75.3 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	6000		01/08/2025	2107
7440-36-0	Antimony	2.2	J	01/08/2025	2107
7440-38-2	Arsenic	14		01/08/2025	2107
7440-39-3	Barium	130		01/08/2025	2107
7440-41-7	Beryllium	0.84		01/08/2025	2107
7440-43-9	Cadmium	1.0		01/08/2025	2107
7440-70-2	Calcium	18000		01/08/2025	2107
7440-47-3	Chromium	48		01/08/2025	2107
7440-48-4	Cobalt	13	*	01/08/2025	2107
7440-50-8	Copper	42		01/08/2025	2107
7439-89-6	Iron	15000		01/08/2025	2107
7439-92-1	Lead	460		01/08/2025	2107
7439-95-4	Magnesium	6300		01/08/2025	2107
7439-96-5	Manganese	710		01/08/2025	2107
7440-02-0	Nickel	22		01/08/2025	2107
7440-09-7	Potassium	150	J	01/08/2025	2107
7782-49-2	Selenium	7.0	*	01/08/2025	2107
7440-22-4	Silver	1.1	U*	01/08/2025	2107
7440-23-5	Sodium	560	U	01/08/2025	2107
7440-28-0	Thallium	2.8	U*	01/08/2025	2107
7440-62-2	Vanadium	16		01/08/2025	2107
7440-66-6	Zinc	180		01/08/2025	2107

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHN91

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHN64

Matrix: SOIL Lab Sample ID: P5204-07

% Solids: 78.8 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	5500		01/08/2025	2111
7440-36-0	Antimony	1.9	J	01/08/2025	2111
7440-38-2	Arsenic	13		01/08/2025	2111
7440-39-3	Barium	120		01/08/2025	2111
7440-41-7	Beryllium	0.80		01/08/2025	2111
7440-43-9	Cadmium	0.94		01/08/2025	2111
7440-70-2	Calcium	19000		01/08/2025	2111
7440-47-3	Chromium	40		01/08/2025	2111
7440-48-4	Cobalt	12	*	01/08/2025	2111
7440-50-8	Copper	39		01/08/2025	2111
7439-89-6	Iron	14000		01/08/2025	2111
7439-92-1	Lead	410		01/08/2025	2111
7439-95-4	Magnesium	6400		01/08/2025	2111
7439-96-5	Manganese	710		01/08/2025	2111
7440-02-0	Nickel	20		01/08/2025	2111
7440-09-7	Potassium	170	J	01/08/2025	2111
7782-49-2	Selenium	6.3	*	01/08/2025	2111
7440-22-4	Silver	0.91	U*	01/08/2025	2111
7440-23-5	Sodium	94	J	01/08/2025	2111
7440-28-0	Thallium	2.3	U*	01/08/2025	2111
7440-62-2	Vanadium	15		01/08/2025	2111
7440-66-6	Zinc	150		01/08/2025	2111

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHN92

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHN64

Matrix: SOIL Lab Sample ID: P5204-08

% Solids: 83.2 Date Received: 12/07/2024

Analytical Method: ICP_AES

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	5700		01/08/2025	2115
7440-36-0	Antimony	2.4	J	01/08/2025	2115
7440-38-2	Arsenic	13		01/08/2025	2115
7440-39-3	Barium	160		01/08/2025	2115
7440-41-7	Beryllium	0.88		01/08/2025	2115
7440-43-9	Cadmium	0.66		01/08/2025	2115
7440-70-2	Calcium	29000		01/08/2025	2115
7440-47-3	Chromium	23		01/08/2025	2115
7440-48-4	Cobalt	12	*	01/08/2025	2115
7440-50-8	Copper	31		01/08/2025	2115
7439-89-6	Iron	16000		01/08/2025	2115
7439-92-1	Lead	760		01/08/2025	2115
7439-95-4	Magnesium	11000		01/08/2025	2115
7439-96-5	Manganese	630		01/08/2025	2115
7440-02-0	Nickel	15		01/08/2025	2115
7440-09-7	Potassium	100	J	01/08/2025	2115
7782-49-2	Selenium	6.1	*	01/08/2025	2115
7440-22-4	Silver	0.88	U*	01/08/2025	2115
7440-23-5	Sodium	110	J	01/08/2025	2115
7440-28-0	Thallium	2.2	U*	01/08/2025	2115
7440-62-2	Vanadium	14		01/08/2025	2115
7440-66-6	Zinc	200		01/08/2025	2115

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHN93

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHN64

Matrix: SOIL Lab Sample ID: P5204-09

% Solids: 83 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	6100		01/08/2025	2119
7440-36-0	Antimony	2.1	J	01/08/2025	2119
7440-38-2	Arsenic	8.5		01/08/2025	2119
7440-39-3	Barium	180		01/08/2025	2119
7440-41-7	Beryllium	0.73		01/08/2025	2119
7440-43-9	Cadmium	0.43		01/08/2025	2119
7440-70-2	Calcium	7500		01/08/2025	2119
7440-47-3	Chromium	14		01/08/2025	2119
7440-48-4	Cobalt	8.9	*	01/08/2025	2119
7440-50-8	Copper	23		01/08/2025	2119
7439-89-6	Iron	13000		01/08/2025	2119
7439-92-1	Lead	600		01/08/2025	2119
7439-95-4	Magnesium	2500		01/08/2025	2119
7439-96-5	Manganese	530		01/08/2025	2119
7440-02-0	Nickel	12		01/08/2025	2119
7440-09-7	Potassium	410	U	01/08/2025	2119
7782-49-2	Selenium	7.5	*	01/08/2025	2119
7440-22-4	Silver	0.83	U*	01/08/2025	2119
7440-23-5	Sodium	94	J	01/08/2025	2119
7440-28-0	Thallium	2.1	U*	01/08/2025	2119
7440-62-2	Vanadium	12		01/08/2025	2119
7440-66-6	Zinc	140		01/08/2025	2119

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHN94

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHN64

Matrix: SOIL Lab Sample ID: P5204-10

% Solids: 81.5 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	6200		01/08/2025	2122
7440-36-0	Antimony	1.5	J	01/08/2025	2122
7440-38-2	Arsenic	5.7		01/08/2025	2122
7440-39-3	Barium	96		01/08/2025	2122
7440-41-7	Beryllium	0.66		01/08/2025	2122
7440-43-9	Cadmium	0.22	J	01/08/2025	2122
7440-70-2	Calcium	5800		01/08/2025	2122
7440-47-3	Chromium	11		01/08/2025	2122
7440-48-4	Cobalt	7.8	*	01/08/2025	2122
7440-50-8	Copper	16		01/08/2025	2122
7439-89-6	Iron	12000		01/08/2025	2122
7439-92-1	Lead	130		01/08/2025	2122
7439-95-4	Magnesium	2000		01/08/2025	2122
7439-96-5	Manganese	300		01/08/2025	2122
7440-02-0	Nickel	10		01/08/2025	2122
7440-09-7	Potassium	520	U	01/08/2025	2122
7782-49-2	Selenium	6.6	*	01/08/2025	2122
7440-22-4	Silver	1.0	U*	01/08/2025	2122
7440-23-5	Sodium	130	J	01/08/2025	2122
7440-28-0	Thallium	2.6	U*	01/08/2025	2122
7440-62-2	Vanadium	12		01/08/2025	2122
7440-66-6	Zinc	64		01/08/2025	2122

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHNC9

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHN64

Matrix: SOIL Lab Sample ID: P5204-11

% Solids: 74.2 Date Received: 12/07/2024

Analytical Method: ICP_AES

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	5800		01/08/2025	1916
7440-36-0	Antimony	2.3	J	01/08/2025	1916
7440-38-2	Arsenic	12		01/08/2025	1916
7440-39-3	Barium	130		01/08/2025	1916
7440-41-7	Beryllium	0.89		01/08/2025	1916
7440-43-9	Cadmium	1.1		01/08/2025	1916
7440-70-2	Calcium	9500		01/08/2025	1916
7440-47-3	Chromium	17		01/08/2025	1916
7440-48-4	Cobalt	11	*	01/08/2025	1916
7440-50-8	Copper	51		01/08/2025	1916
7439-89-6	Iron	16000		01/08/2025	1916
7439-92-1	Lead	290		01/08/2025	1916
7439-95-4	Magnesium	3500		01/08/2025	1916
7439-96-5	Manganese	590		01/08/2025	1916
7440-02-0	Nickel	28		01/08/2025	1916
7440-09-7	Potassium	600	U	01/08/2025	1916
7782-49-2	Selenium	8.6	*	01/08/2025	1916
7440-22-4	Silver	1.2	U*	01/08/2025	1916
7440-23-5	Sodium	600	U	01/08/2025	1916
7440-28-0	Thallium	3.0	U*	01/08/2025	1916
7440-62-2	Vanadium	17		01/08/2025	1916
7440-66-6	Zinc	190		01/08/2025	1916

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHND1

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHN64
 Matrix: SOIL Lab Sample ID: P5204-14
 % Solids: 81.1 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	6800		01/08/2025	2126
7440-36-0	Antimony	4.3	J	01/08/2025	2126
7440-38-2	Arsenic	18		01/08/2025	2126
7440-39-3	Barium	490		01/08/2025	2126
7440-41-7	Beryllium	1.2		01/08/2025	2126
7440-43-9	Cadmium	2.3		01/08/2025	2126
7440-70-2	Calcium	17000		01/08/2025	2126
7440-47-3	Chromium	28		01/08/2025	2126
7440-48-4	Cobalt	12	*	01/08/2025	2126
7440-50-8	Copper	100		01/08/2025	2126
7439-89-6	Iron	21000		01/08/2025	2126
7439-92-1	Lead	900		01/08/2025	2126
7439-95-4	Magnesium	3900		01/08/2025	2126
7439-96-5	Manganese	470		01/08/2025	2126
7440-02-0	Nickel	29		01/08/2025	2126
7440-09-7	Potassium	490	U	01/08/2025	2126
7782-49-2	Selenium	10	*	01/08/2025	2126
7440-22-4	Silver	0.98	U*	01/08/2025	2126
7440-23-5	Sodium	230	J	01/08/2025	2126
7440-28-0	Thallium	2.5	U*	01/08/2025	2126
7440-62-2	Vanadium	39		01/08/2025	2126
7440-66-6	Zinc	2000		01/08/2025	2126

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHND2

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHN64

Matrix: SOIL Lab Sample ID: P5204-15

% Solids: 78.5 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	5400		01/08/2025	2130
7440-36-0	Antimony	5.1	J	01/08/2025	2130
7440-38-2	Arsenic	19		01/08/2025	2130
7440-39-3	Barium	210		01/08/2025	2130
7440-41-7	Beryllium	1.3		01/08/2025	2130
7440-43-9	Cadmium	1.1		01/08/2025	2130
7440-70-2	Calcium	27000		01/08/2025	2130
7440-47-3	Chromium	14		01/08/2025	2130
7440-48-4	Cobalt	14	*	01/08/2025	2130
7440-50-8	Copper	53		01/08/2025	2130
7439-89-6	Iron	33000		01/08/2025	2130
7439-92-1	Lead	3200		01/08/2025	2130
7439-95-4	Magnesium	5200		01/08/2025	2130
7439-96-5	Manganese	1100		01/08/2025	2130
7440-02-0	Nickel	19		01/08/2025	2130
7440-09-7	Potassium	450	U	01/08/2025	2130
7782-49-2	Selenium	16	*	01/08/2025	2130
7440-22-4	Silver	0.90	U*	01/08/2025	2130
7440-23-5	Sodium	160	J	01/08/2025	2130
7440-28-0	Thallium	2.3	U*	01/08/2025	2130
7440-62-2	Vanadium	18		01/08/2025	2130
7440-66-6	Zinc	750		01/08/2025	2130

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHND3

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHN64
 Matrix: SOIL Lab Sample ID: P5204-16
 % Solids: 81.7 Date Received: 12/07/2024
 Analytical Method: ICP_AES
 Concentration Units ($\mu\text{g/L}$, mg/L , mg/kg dry weight, μg , or $\mu\text{g/cm}^2$): mg/kg

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	5100		01/08/2025	2134
7440-36-0	Antimony	2.3	J	01/08/2025	2134
7440-38-2	Arsenic	12		01/08/2025	2134
7440-39-3	Barium	240		01/08/2025	2134
7440-41-7	Beryllium	0.72		01/08/2025	2134
7440-43-9	Cadmium	0.47	J	01/08/2025	2134
7440-70-2	Calcium	31000		01/08/2025	2134
7440-47-3	Chromium	15		01/08/2025	2134
7440-48-4	Cobalt	13	*	01/08/2025	2134
7440-50-8	Copper	40		01/08/2025	2134
7439-89-6	Iron	16000		01/08/2025	2134
7439-92-1	Lead	1100		01/08/2025	2134
7439-95-4	Magnesium	4900		01/08/2025	2134
7439-96-5	Manganese	1100		01/08/2025	2134
7440-02-0	Nickel	15		01/08/2025	2134
7440-09-7	Potassium	510	U	01/08/2025	2134
7782-49-2	Selenium	6.3	*	01/08/2025	2134
7440-22-4	Silver	1.0	U*	01/08/2025	2134
7440-23-5	Sodium	120	J	01/08/2025	2134
7440-28-0	Thallium	2.6	U*	01/08/2025	2134
7440-62-2	Vanadium	13		01/08/2025	2134
7440-66-6	Zinc	220		01/08/2025	2134

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHND4

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHN64

Matrix: SOIL Lab Sample ID: P5204-17

% Solids: 80.4 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	5400		01/08/2025	2138
7440-36-0	Antimony	1.7	J	01/08/2025	2138
7440-38-2	Arsenic	11		01/08/2025	2138
7440-39-3	Barium	140		01/08/2025	2138
7440-41-7	Beryllium	0.73		01/08/2025	2138
7440-43-9	Cadmium	0.42	J	01/08/2025	2138
7440-70-2	Calcium	43000		01/08/2025	2138
7440-47-3	Chromium	11		01/08/2025	2138
7440-48-4	Cobalt	14	*	01/08/2025	2138
7440-50-8	Copper	30		01/08/2025	2138
7439-89-6	Iron	16000		01/08/2025	2138
7439-92-1	Lead	410		01/08/2025	2138
7439-95-4	Magnesium	5500		01/08/2025	2138
7439-96-5	Manganese	1400		01/08/2025	2138
7440-02-0	Nickel	15		01/08/2025	2138
7440-09-7	Potassium	140	J	01/08/2025	2138
7782-49-2	Selenium	6.8	*	01/08/2025	2138
7440-22-4	Silver	0.89	U*	01/08/2025	2138
7440-23-5	Sodium	120	J	01/08/2025	2138
7440-28-0	Thallium	2.2	U*	01/08/2025	2138
7440-62-2	Vanadium	12		01/08/2025	2138
7440-66-6	Zinc	120		01/08/2025	2138

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHND5

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHN64

Matrix: SOIL Lab Sample ID: P5204-18

% Solids: 80.9 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	6000		01/08/2025	2141
7440-36-0	Antimony	2.2	J	01/08/2025	2141
7440-38-2	Arsenic	10		01/08/2025	2141
7440-39-3	Barium	110		01/08/2025	2141
7440-41-7	Beryllium	0.72		01/08/2025	2141
7440-43-9	Cadmium	0.40	J	01/08/2025	2141
7440-70-2	Calcium	39000		01/08/2025	2141
7440-47-3	Chromium	9.3		01/08/2025	2141
7440-48-4	Cobalt	14	*	01/08/2025	2141
7440-50-8	Copper	20		01/08/2025	2141
7439-89-6	Iron	18000		01/08/2025	2141
7439-92-1	Lead	110		01/08/2025	2141
7439-95-4	Magnesium	4600		01/08/2025	2141
7439-96-5	Manganese	1600		01/08/2025	2141
7440-02-0	Nickel	15		01/08/2025	2141
7440-09-7	Potassium	480	U	01/08/2025	2141
7782-49-2	Selenium	7.4	*	01/08/2025	2141
7440-22-4	Silver	0.96	U*	01/08/2025	2141
7440-23-5	Sodium	110	J	01/08/2025	2141
7440-28-0	Thallium	2.4	U*	01/08/2025	2141
7440-62-2	Vanadium	11		01/08/2025	2141
7440-66-6	Zinc	60		01/08/2025	2141

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHNNJ7

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHN64

Matrix: SOIL Lab Sample ID: P5204-19

% Solids: 71.6 Date Received: 12/07/2024

Analytical Method: ICP_AES

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	6000		01/08/2025	2145
7440-36-0	Antimony	3.6	J	01/08/2025	2145
7440-38-2	Arsenic	15		01/08/2025	2145
7440-39-3	Barium	120		01/08/2025	2145
7440-41-7	Beryllium	0.80		01/08/2025	2145
7440-43-9	Cadmium	0.82		01/08/2025	2145
7440-70-2	Calcium	11000		01/08/2025	2145
7440-47-3	Chromium	35		01/08/2025	2145
7440-48-4	Cobalt	11	*	01/08/2025	2145
7440-50-8	Copper	34		01/08/2025	2145
7439-89-6	Iron	15000		01/08/2025	2145
7439-92-1	Lead	530		01/08/2025	2145
7439-95-4	Magnesium	3900		01/08/2025	2145
7439-96-5	Manganese	680		01/08/2025	2145
7440-02-0	Nickel	20		01/08/2025	2145
7440-09-7	Potassium	120	J	01/08/2025	2145
7782-49-2	Selenium	7.3	*	01/08/2025	2145
7440-22-4	Silver	1.0	U*	01/08/2025	2145
7440-23-5	Sodium	500	U	01/08/2025	2145
7440-28-0	Thallium	2.5	U*	01/08/2025	2145
7440-62-2	Vanadium	15		01/08/2025	2145
7440-66-6	Zinc	170		01/08/2025	2145

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHNNJ8

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHN64

Matrix: SOIL Lab Sample ID: P5204-20

% 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	7400		01/08/2025	2157
7440-36-0	Antimony	2.0	J	01/08/2025	2157
7440-38-2	Arsenic	12		01/08/2025	2157
7440-39-3	Barium	100		01/08/2025	2157
7440-41-7	Beryllium	0.72		01/08/2025	2157
7440-43-9	Cadmium	0.32	J	01/08/2025	2157
7440-70-2	Calcium	21000		01/08/2025	2157
7440-47-3	Chromium	8.8		01/08/2025	2157
7440-48-4	Cobalt	11	*	01/08/2025	2157
7440-50-8	Copper	20		01/08/2025	2157
7439-89-6	Iron	15000		01/08/2025	2157
7439-92-1	Lead	62		01/08/2025	2157
7439-95-4	Magnesium	4100		01/08/2025	2157
7439-96-5	Manganese	740		01/08/2025	2157
7440-02-0	Nickel	13		01/08/2025	2157
7440-09-7	Potassium	190	J	01/08/2025	2157
7782-49-2	Selenium	6.4	*	01/08/2025	2157
7440-22-4	Silver	0.92	U*	01/08/2025	2157
7440-23-5	Sodium	99	J	01/08/2025	2157
7440-28-0	Thallium	2.3	U*	01/08/2025	2157
7440-62-2	Vanadium	14		01/08/2025	2157
7440-66-6	Zinc	65		01/08/2025	2157

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

Comments: