

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHN68

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHN68

Matrix: SOIL Lab Sample ID: P5208-01

% Solids: 76.9 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	6300		01/12/2025	0615
7440-36-0	Antimony	6.6	U*	01/12/2025	0615
7440-38-2	Arsenic	4.7		01/12/2025	0615
7440-39-3	Barium	72		01/12/2025	0615
7440-41-7	Beryllium	0.33	J*	01/12/2025	0615
7440-43-9	Cadmium	0.47	J	01/12/2025	0615
7440-70-2	Calcium	3700		01/12/2025	0615
7440-47-3	Chromium	12		01/12/2025	0615
7440-48-4	Cobalt	5.7		01/12/2025	0615
7440-50-8	Copper	15	*	01/12/2025	0615
7439-89-6	Iron	12000		01/12/2025	0615
7439-92-1	Lead	34		01/12/2025	0615
7439-95-4	Magnesium	1900		01/12/2025	0615
7439-96-5	Manganese	400		01/12/2025	0615
7440-02-0	Nickel	15		01/12/2025	0615
7440-09-7	Potassium	620		01/12/2025	0615
7782-49-2	Selenium	2.5	J*	01/12/2025	0615
7440-22-4	Silver	1.1	U*	01/12/2025	0615
7440-23-5	Sodium	550	U	01/12/2025	0615
7440-28-0	Thallium	2.8	U	01/12/2025	0615
7440-62-2	Vanadium	14		01/12/2025	0615
7440-66-6	Zinc	55	*	01/12/2025	0615

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHN69

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHN68

Matrix: SOIL Lab Sample ID: P5208-02

% Solids: 79.6 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	6900		01/12/2025	0619
7440-36-0	Antimony	5.5	U*	01/12/2025	0619
7440-38-2	Arsenic	5.2		01/12/2025	0619
7440-39-3	Barium	76		01/12/2025	0619
7440-41-7	Beryllium	0.35	J*	01/12/2025	0619
7440-43-9	Cadmium	0.51		01/12/2025	0619
7440-70-2	Calcium	4400		01/12/2025	0619
7440-47-3	Chromium	14		01/12/2025	0619
7440-48-4	Cobalt	6.1		01/12/2025	0619
7440-50-8	Copper	15	*	01/12/2025	0619
7439-89-6	Iron	14000		01/12/2025	0619
7439-92-1	Lead	32		01/12/2025	0619
7439-95-4	Magnesium	2400		01/12/2025	0619
7439-96-5	Manganese	490		01/12/2025	0619
7440-02-0	Nickel	17		01/12/2025	0619
7440-09-7	Potassium	470		01/12/2025	0619
7782-49-2	Selenium	3.1	J*	01/12/2025	0619
7440-22-4	Silver	0.92	U*	01/12/2025	0619
7440-23-5	Sodium	460	U	01/12/2025	0619
7440-28-0	Thallium	2.3	U	01/12/2025	0619
7440-62-2	Vanadium	16		01/12/2025	0619
7440-66-6	Zinc	55	*	01/12/2025	0619

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHN70

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHN68

Matrix: SOIL Lab Sample ID: P5208-03

% Solids: 86.1 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	7200		01/12/2025	0623
7440-36-0	Antimony	6.2	U*	01/12/2025	0623
7440-38-2	Arsenic	5.2		01/12/2025	0623
7440-39-3	Barium	61		01/12/2025	0623
7440-41-7	Beryllium	0.35	J*	01/12/2025	0623
7440-43-9	Cadmium	0.50	J	01/12/2025	0623
7440-70-2	Calcium	3400		01/12/2025	0623
7440-47-3	Chromium	13		01/12/2025	0623
7440-48-4	Cobalt	6.4		01/12/2025	0623
7440-50-8	Copper	14	*	01/12/2025	0623
7439-89-6	Iron	14000		01/12/2025	0623
7439-92-1	Lead	31		01/12/2025	0623
7439-95-4	Magnesium	2100		01/12/2025	0623
7439-96-5	Manganese	450		01/12/2025	0623
7440-02-0	Nickel	17		01/12/2025	0623
7440-09-7	Potassium	390	J	01/12/2025	0623
7782-49-2	Selenium	2.5	J*	01/12/2025	0623
7440-22-4	Silver	1.0	U*	01/12/2025	0623
7440-23-5	Sodium	510	U	01/12/2025	0623
7440-28-0	Thallium	2.6	U	01/12/2025	0623
7440-62-2	Vanadium	16		01/12/2025	0623
7440-66-6	Zinc	54	*	01/12/2025	0623

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHN71

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHN68

Matrix: SOIL Lab Sample ID: P5208-04

% Solids: 89.5 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	6300		01/12/2025	0644
7440-36-0	Antimony	6.0	U*	01/12/2025	0644
7440-38-2	Arsenic	7.7		01/12/2025	0644
7440-39-3	Barium	66		01/12/2025	0644
7440-41-7	Beryllium	0.35	J*	01/12/2025	0644
7440-43-9	Cadmium	0.69		01/12/2025	0644
7440-70-2	Calcium	12000		01/12/2025	0644
7440-47-3	Chromium	13		01/12/2025	0644
7440-48-4	Cobalt	7.5		01/12/2025	0644
7440-50-8	Copper	29	*	01/12/2025	0644
7439-89-6	Iron	17000		01/12/2025	0644
7439-92-1	Lead	52		01/12/2025	0644
7439-95-4	Magnesium	3500		01/12/2025	0644
7439-96-5	Manganese	610		01/12/2025	0644
7440-02-0	Nickel	17		01/12/2025	0644
7440-09-7	Potassium	480	J	01/12/2025	0644
7782-49-2	Selenium	3.1	J*	01/12/2025	0644
7440-22-4	Silver	1.0	U*	01/12/2025	0644
7440-23-5	Sodium	500	U	01/12/2025	0644
7440-28-0	Thallium	2.5	U	01/12/2025	0644
7440-62-2	Vanadium	14		01/12/2025	0644
7440-66-6	Zinc	81	*	01/12/2025	0644

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHN72

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHN68

Matrix: SOIL Lab Sample ID: P5208-05

% Solids: 92.1 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	5400		01/12/2025	0648
7440-36-0	Antimony	5.8	U*	01/12/2025	0648
7440-38-2	Arsenic	6.1		01/12/2025	0648
7440-39-3	Barium	63		01/12/2025	0648
7440-41-7	Beryllium	0.34	J*	01/12/2025	0648
7440-43-9	Cadmium	0.58		01/12/2025	0648
7440-70-2	Calcium	22000		01/12/2025	0648
7440-47-3	Chromium	10		01/12/2025	0648
7440-48-4	Cobalt	7.1		01/12/2025	0648
7440-50-8	Copper	26	*	01/12/2025	0648
7439-89-6	Iron	13000		01/12/2025	0648
7439-92-1	Lead	41		01/12/2025	0648
7439-95-4	Magnesium	4300		01/12/2025	0648
7439-96-5	Manganese	600		01/12/2025	0648
7440-02-0	Nickel	15		01/12/2025	0648
7440-09-7	Potassium	550		01/12/2025	0648
7782-49-2	Selenium	2.4	J*	01/12/2025	0648
7440-22-4	Silver	0.97	U*	01/12/2025	0648
7440-23-5	Sodium	490	U	01/12/2025	0648
7440-28-0	Thallium	2.4	U	01/12/2025	0648
7440-62-2	Vanadium	12		01/12/2025	0648
7440-66-6	Zinc	64	*	01/12/2025	0648

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHN73

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHN68

Matrix: SOIL Lab Sample ID: P5208-06

% Solids: 92.1 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	5900		01/12/2025	0652
7440-36-0	Antimony	5.6	U*	01/12/2025	0652
7440-38-2	Arsenic	6.4		01/12/2025	0652
7440-39-3	Barium	110		01/12/2025	0652
7440-41-7	Beryllium	0.38	J*	01/12/2025	0652
7440-43-9	Cadmium	0.62		01/12/2025	0652
7440-70-2	Calcium	23000		01/12/2025	0652
7440-47-3	Chromium	10		01/12/2025	0652
7440-48-4	Cobalt	7.7		01/12/2025	0652
7440-50-8	Copper	27	*	01/12/2025	0652
7439-89-6	Iron	14000		01/12/2025	0652
7439-92-1	Lead	66		01/12/2025	0652
7439-95-4	Magnesium	4500		01/12/2025	0652
7439-96-5	Manganese	770		01/12/2025	0652
7440-02-0	Nickel	15		01/12/2025	0652
7440-09-7	Potassium	600		01/12/2025	0652
7782-49-2	Selenium	2.2	J*	01/12/2025	0652
7440-22-4	Silver	0.93	U*	01/12/2025	0652
7440-23-5	Sodium	68	J	01/12/2025	0652
7440-28-0	Thallium	2.3	U	01/12/2025	0652
7440-62-2	Vanadium	13		01/12/2025	0652
7440-66-6	Zinc	69	*	01/12/2025	0652

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHN74

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHN68

Matrix: SOIL Lab Sample ID: P5208-07

% Solids: 93 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	4600		01/12/2025	0656
7440-36-0	Antimony	5.3	U*	01/12/2025	0656
7440-38-2	Arsenic	4.7		01/12/2025	0656
7440-39-3	Barium	47		01/12/2025	0656
7440-41-7	Beryllium	0.28	J*	01/12/2025	0656
7440-43-9	Cadmium	0.49		01/12/2025	0656
7440-70-2	Calcium	31000		01/12/2025	0656
7440-47-3	Chromium	9.0		01/12/2025	0656
7440-48-4	Cobalt	6.3		01/12/2025	0656
7440-50-8	Copper	22	*	01/12/2025	0656
7439-89-6	Iron	12000		01/12/2025	0656
7439-92-1	Lead	25		01/12/2025	0656
7439-95-4	Magnesium	4000		01/12/2025	0656
7439-96-5	Manganese	550		01/12/2025	0656
7440-02-0	Nickel	13		01/12/2025	0656
7440-09-7	Potassium	540		01/12/2025	0656
7782-49-2	Selenium	1.4	J*	01/12/2025	0656
7440-22-4	Silver	0.87	U*	01/12/2025	0656
7440-23-5	Sodium	440	U	01/12/2025	0656
7440-28-0	Thallium	2.2	U	01/12/2025	0656
7440-62-2	Vanadium	10		01/12/2025	0656
7440-66-6	Zinc	48	*	01/12/2025	0656

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHNNK1

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHN68

Matrix: SOIL Lab Sample ID: P5208-08

% Solids: 77.3 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	5500		01/12/2025	0700
7440-36-0	Antimony	6.0	U*	01/12/2025	0700
7440-38-2	Arsenic	9.3		01/12/2025	0700
7440-39-3	Barium	190		01/12/2025	0700
7440-41-7	Beryllium	0.42	J*	01/12/2025	0700
7440-43-9	Cadmium	0.98		01/12/2025	0700
7440-70-2	Calcium	6000		01/12/2025	0700
7440-47-3	Chromium	16		01/12/2025	0700
7440-48-4	Cobalt	6.9		01/12/2025	0700
7440-50-8	Copper	37	*	01/12/2025	0700
7439-89-6	Iron	14000		01/12/2025	0700
7439-92-1	Lead	440		01/12/2025	0700
7439-95-4	Magnesium	1800		01/12/2025	0700
7439-96-5	Manganese	670		01/12/2025	0700
7440-02-0	Nickel	17		01/12/2025	0700
7440-09-7	Potassium	580		01/12/2025	0700
7782-49-2	Selenium	3.3	J*	01/12/2025	0700
7440-22-4	Silver	1.0	U*	01/12/2025	0700
7440-23-5	Sodium	500	U	01/12/2025	0700
7440-28-0	Thallium	2.5	U	01/12/2025	0700
7440-62-2	Vanadium	14		01/12/2025	0700
7440-66-6	Zinc	570	*	01/12/2025	0700

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHNK2

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHN68

Matrix: SOIL Lab Sample ID: P5208-09

% Solids: 81.3 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	5100		01/12/2025	0704
7440-36-0	Antimony	5.6	U*	01/12/2025	0704
7440-38-2	Arsenic	9.4		01/12/2025	0704
7440-39-3	Barium	200		01/12/2025	0704
7440-41-7	Beryllium	0.42	J*	01/12/2025	0704
7440-43-9	Cadmium	1.1		01/12/2025	0704
7440-70-2	Calcium	5900		01/12/2025	0704
7440-47-3	Chromium	16		01/12/2025	0704
7440-48-4	Cobalt	7.2		01/12/2025	0704
7440-50-8	Copper	35	*	01/12/2025	0704
7439-89-6	Iron	13000		01/12/2025	0704
7439-92-1	Lead	510		01/12/2025	0704
7439-95-4	Magnesium	1800		01/12/2025	0704
7439-96-5	Manganese	630		01/12/2025	0704
7440-02-0	Nickel	18		01/12/2025	0704
7440-09-7	Potassium	500		01/12/2025	0704
7782-49-2	Selenium	2.7	J*	01/12/2025	0704
7440-22-4	Silver	0.94	U*	01/12/2025	0704
7440-23-5	Sodium	470	U	01/12/2025	0704
7440-28-0	Thallium	2.4	U	01/12/2025	0704
7440-62-2	Vanadium	14		01/12/2025	0704
7440-66-6	Zinc	580	*	01/12/2025	0704

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHNNK3

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHN68

Matrix: SOIL Lab Sample ID: P5208-10

% Solids: 85 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		01/12/2025	0708
7440-36-0	Antimony	5.6	U*	01/12/2025	0708
7440-38-2	Arsenic	9.1		01/12/2025	0708
7440-39-3	Barium	210		01/12/2025	0708
7440-41-7	Beryllium	0.43	J*	01/12/2025	0708
7440-43-9	Cadmium	1.0		01/12/2025	0708
7440-70-2	Calcium	10000		01/12/2025	0708
7440-47-3	Chromium	14		01/12/2025	0708
7440-48-4	Cobalt	6.8		01/12/2025	0708
7440-50-8	Copper	35	*	01/12/2025	0708
7439-89-6	Iron	15000		01/12/2025	0708
7439-92-1	Lead	520		01/12/2025	0708
7439-95-4	Magnesium	2200		01/12/2025	0708
7439-96-5	Manganese	650		01/12/2025	0708
7440-02-0	Nickel	18		01/12/2025	0708
7440-09-7	Potassium	480		01/12/2025	0708
7782-49-2	Selenium	3.1	J*	01/12/2025	0708
7440-22-4	Silver	0.93	U*	01/12/2025	0708
7440-23-5	Sodium	460	U	01/12/2025	0708
7440-28-0	Thallium	2.3	U	01/12/2025	0708
7440-62-2	Vanadium	14		01/12/2025	0708
7440-66-6	Zinc	590	*	01/12/2025	0708

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHNNK4

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHN68

Matrix: SOIL Lab Sample ID: P5208-11

% Solids: 88 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		01/12/2025	0712
7440-36-0	Antimony	4.7	U*	01/12/2025	0712
7440-38-2	Arsenic	6.4		01/12/2025	0712
7440-39-3	Barium	120		01/12/2025	0712
7440-41-7	Beryllium	0.40	*	01/12/2025	0712
7440-43-9	Cadmium	0.79		01/12/2025	0712
7440-70-2	Calcium	7200		01/12/2025	0712
7440-47-3	Chromium	11		01/12/2025	0712
7440-48-4	Cobalt	6.8		01/12/2025	0712
7440-50-8	Copper	21	*	01/12/2025	0712
7439-89-6	Iron	14000		01/12/2025	0712
7439-92-1	Lead	190		01/12/2025	0712
7439-95-4	Magnesium	1800		01/12/2025	0712
7439-96-5	Manganese	610		01/12/2025	0712
7440-02-0	Nickel	14		01/12/2025	0712
7440-09-7	Potassium	470		01/12/2025	0712
7782-49-2	Selenium	2.7	J*	01/12/2025	0712
7440-22-4	Silver	0.79	U*	01/12/2025	0712
7440-23-5	Sodium	400	U	01/12/2025	0712
7440-28-0	Thallium	2.0	U	01/12/2025	0712
7440-62-2	Vanadium	13		01/12/2025	0712
7440-66-6	Zinc	220	*	01/12/2025	0712

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHNNK5

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHN68

Matrix: SOIL Lab Sample ID: P5208-14

% Solids: 90.2 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	5400		01/12/2025	0728
7440-36-0	Antimony	5.9	U*	01/12/2025	0728
7440-38-2	Arsenic	8.4		01/12/2025	0728
7440-39-3	Barium	96		01/12/2025	0728
7440-41-7	Beryllium	0.47	J*	01/12/2025	0728
7440-43-9	Cadmium	0.78		01/12/2025	0728
7440-70-2	Calcium	6700		01/12/2025	0728
7440-47-3	Chromium	10		01/12/2025	0728
7440-48-4	Cobalt	8.8		01/12/2025	0728
7440-50-8	Copper	22	*	01/12/2025	0728
7439-89-6	Iron	16000		01/12/2025	0728
7439-92-1	Lead	53		01/12/2025	0728
7439-95-4	Magnesium	2300		01/12/2025	0728
7439-96-5	Manganese	1300		01/12/2025	0728
7440-02-0	Nickel	18		01/12/2025	0728
7440-09-7	Potassium	620		01/12/2025	0728
7782-49-2	Selenium	2.7	J*	01/12/2025	0728
7440-22-4	Silver	0.99	U*	01/12/2025	0728
7440-23-5	Sodium	500	U	01/12/2025	0728
7440-28-0	Thallium	2.5	U	01/12/2025	0728
7440-62-2	Vanadium	14		01/12/2025	0728
7440-66-6	Zinc	82	*	01/12/2025	0728

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHNNK6

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHN68

Matrix: SOIL Lab Sample ID: P5208-15

% Solids: 91.5 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	4700		01/12/2025	0732
7440-36-0	Antimony	5.7	U*	01/12/2025	0732
7440-38-2	Arsenic	6.6		01/12/2025	0732
7440-39-3	Barium	85		01/12/2025	0732
7440-41-7	Beryllium	0.35	J*	01/12/2025	0732
7440-43-9	Cadmium	0.75		01/12/2025	0732
7440-70-2	Calcium	32000		01/12/2025	0732
7440-47-3	Chromium	10		01/12/2025	0732
7440-48-4	Cobalt	7.9		01/12/2025	0732
7440-50-8	Copper	24	*	01/12/2025	0732
7439-89-6	Iron	15000		01/12/2025	0732
7439-92-1	Lead	96		01/12/2025	0732
7439-95-4	Magnesium	11000		01/12/2025	0732
7439-96-5	Manganese	1200		01/12/2025	0732
7440-02-0	Nickel	15		01/12/2025	0732
7440-09-7	Potassium	650		01/12/2025	0732
7782-49-2	Selenium	2.1	J*	01/12/2025	0732
7440-22-4	Silver	0.95	U*	01/12/2025	0732
7440-23-5	Sodium	110	J	01/12/2025	0732
7440-28-0	Thallium	2.4	U	01/12/2025	0732
7440-62-2	Vanadium	16		01/12/2025	0732
7440-66-6	Zinc	130	*	01/12/2025	0732

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHKN7

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHN68

Matrix: SOIL Lab Sample ID: P5208-16

% Solids: 93.7 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	4300		01/12/2025	0736
7440-36-0	Antimony	5.8	U*	01/12/2025	0736
7440-38-2	Arsenic	5.7		01/12/2025	0736
7440-39-3	Barium	69		01/12/2025	0736
7440-41-7	Beryllium	0.32	J*	01/12/2025	0736
7440-43-9	Cadmium	0.63		01/12/2025	0736
7440-70-2	Calcium	41000		01/12/2025	0736
7440-47-3	Chromium	8.3		01/12/2025	0736
7440-48-4	Cobalt	6.9		01/12/2025	0736
7440-50-8	Copper	23	*	01/12/2025	0736
7439-89-6	Iron	13000		01/12/2025	0736
7439-92-1	Lead	41		01/12/2025	0736
7439-95-4	Magnesium	13000		01/12/2025	0736
7439-96-5	Manganese	1100		01/12/2025	0736
7440-02-0	Nickel	16		01/12/2025	0736
7440-09-7	Potassium	590		01/12/2025	0736
7782-49-2	Selenium	2.0	J*	01/12/2025	0736
7440-22-4	Silver	0.96	U*	01/12/2025	0736
7440-23-5	Sodium	92	J	01/12/2025	0736
7440-28-0	Thallium	2.4	U	01/12/2025	0736
7440-62-2	Vanadium	11		01/12/2025	0736
7440-66-6	Zinc	84	*	01/12/2025	0736

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHNNK8

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHN68

Matrix: SOIL Lab Sample ID: P5208-17

% Solids: 86.1 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	6200		01/12/2025	0740
7440-36-0	Antimony	5.9	U*	01/12/2025	0740
7440-38-2	Arsenic	9.8		01/12/2025	0740
7440-39-3	Barium	200		01/12/2025	0740
7440-41-7	Beryllium	0.50	*	01/12/2025	0740
7440-43-9	Cadmium	0.92		01/12/2025	0740
7440-70-2	Calcium	3100		01/12/2025	0740
7440-47-3	Chromium	14		01/12/2025	0740
7440-48-4	Cobalt	7.3		01/12/2025	0740
7440-50-8	Copper	49	*	01/12/2025	0740
7439-89-6	Iron	16000		01/12/2025	0740
7439-92-1	Lead	190		01/12/2025	0740
7439-95-4	Magnesium	1500		01/12/2025	0740
7439-96-5	Manganese	460		01/12/2025	0740
7440-02-0	Nickel	16		01/12/2025	0740
7440-09-7	Potassium	750		01/12/2025	0740
7782-49-2	Selenium	3.6	*	01/12/2025	0740
7440-22-4	Silver	0.98	U*	01/12/2025	0740
7440-23-5	Sodium	490	U	01/12/2025	0740
7440-28-0	Thallium	2.4	U	01/12/2025	0740
7440-62-2	Vanadium	18		01/12/2025	0740
7440-66-6	Zinc	260	*	01/12/2025	0740

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHKN9

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHN68

Matrix: SOIL Lab Sample ID: P5208-18

% Solids: 87 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	7200		01/12/2025	0744
7440-36-0	Antimony	5.7	U*	01/12/2025	0744
7440-38-2	Arsenic	7.9		01/12/2025	0744
7440-39-3	Barium	68		01/12/2025	0744
7440-41-7	Beryllium	0.59	*	01/12/2025	0744
7440-43-9	Cadmium	1.4		01/12/2025	0744
7440-70-2	Calcium	2900		01/12/2025	0744
7440-47-3	Chromium	13		01/12/2025	0744
7440-48-4	Cobalt	13		01/12/2025	0744
7440-50-8	Copper	23	*	01/12/2025	0744
7439-89-6	Iron	18000		01/12/2025	0744
7439-92-1	Lead	40		01/12/2025	0744
7439-95-4	Magnesium	2100		01/12/2025	0744
7439-96-5	Manganese	870		01/12/2025	0744
7440-02-0	Nickel	23		01/12/2025	0744
7440-09-7	Potassium	1000		01/12/2025	0744
7782-49-2	Selenium	3.3	*	01/12/2025	0744
7440-22-4	Silver	0.95	U*	01/12/2025	0744
7440-23-5	Sodium	81	J	01/12/2025	0744
7440-28-0	Thallium	2.4	U	01/12/2025	0744
7440-62-2	Vanadium	15		01/12/2025	0744
7440-66-6	Zinc	64	*	01/12/2025	0744

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

Comments: