

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHLE9

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHLE9

Matrix: SOIL Lab Sample ID: P5079-01

% Solids: 83.4 Date Received: 12/04/2024

Analytical Method: ICP_AES

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	6400	*	12/27/2024	2031
7440-36-0	Antimony	2.6	J*	12/27/2024	2031
7440-38-2	Arsenic	35		12/27/2024	2031
7440-39-3	Barium	270	*	12/27/2024	2031
7440-41-7	Beryllium	1.0		12/27/2024	2031
7440-43-9	Cadmium	1.6		12/27/2024	2031
7440-70-2	Calcium	7600	*	12/27/2024	2031
7440-47-3	Chromium	18		12/27/2024	2031
7440-48-4	Cobalt	12	*	12/27/2024	2031
7440-50-8	Copper	48	*	12/27/2024	2031
7439-89-6	Iron	34000	*	12/27/2024	2031
7439-92-1	Lead	480		12/27/2024	2031
7439-95-4	Magnesium	2400	*	12/27/2024	2031
7439-96-5	Manganese	1200	*	12/27/2024	2031
7440-02-0	Nickel	19		12/27/2024	2031
7440-09-7	Potassium	750		12/27/2024	2031
7782-49-2	Selenium	20	*	12/27/2024	2031
7440-22-4	Silver	0.90	U*	12/27/2024	2031
7440-23-5	Sodium	450	U	12/27/2024	2031
7440-28-0	Thallium	2.3	U*	12/27/2024	2031
7440-62-2	Vanadium	19		12/27/2024	2031
7440-66-6	Zinc	430	*	12/27/2024	2031

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHLF0

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHLE9

Matrix: SOIL Lab Sample ID: P5079-02

% Solids: 89.4 Date Received: 12/04/2024

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	*	12/27/2024	2035
7440-36-0	Antimony	0.83	J*	12/27/2024	2035
7440-38-2	Arsenic	8.0		12/27/2024	2035
7440-39-3	Barium	84	*	12/27/2024	2035
7440-41-7	Beryllium	0.58		12/27/2024	2035
7440-43-9	Cadmium	0.28	J	12/27/2024	2035
7440-70-2	Calcium	4900	*	12/27/2024	2035
7440-47-3	Chromium	8.7		12/27/2024	2035
7440-48-4	Cobalt	8.2	*	12/27/2024	2035
7440-50-8	Copper	10	*	12/27/2024	2035
7439-89-6	Iron	14000	*	12/27/2024	2035
7439-92-1	Lead	26		12/27/2024	2035
7439-95-4	Magnesium	2300	*	12/27/2024	2035
7439-96-5	Manganese	550	*	12/27/2024	2035
7440-02-0	Nickel	11		12/27/2024	2035
7440-09-7	Potassium	650		12/27/2024	2035
7782-49-2	Selenium	7.9	*	12/27/2024	2035
7440-22-4	Silver	0.85	U*	12/27/2024	2035
7440-23-5	Sodium	420	U	12/27/2024	2035
7440-28-0	Thallium	2.1	U*	12/27/2024	2035
7440-62-2	Vanadium	13		12/27/2024	2035
7440-66-6	Zinc	64	*	12/27/2024	2035

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHLF1

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHLE9

Matrix: SOIL Lab Sample ID: P5079-03

% Solids: 89.8 Date Received: 12/04/2024

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	*	12/27/2024	2039
7440-36-0	Antimony	4.9	U*	12/27/2024	2039
7440-38-2	Arsenic	5.5		12/27/2024	2039
7440-39-3	Barium	64	*	12/27/2024	2039
7440-41-7	Beryllium	0.49		12/27/2024	2039
7440-43-9	Cadmium	0.14	J	12/27/2024	2039
7440-70-2	Calcium	9800	*	12/27/2024	2039
7440-47-3	Chromium	8.1		12/27/2024	2039
7440-48-4	Cobalt	7.8	*	12/27/2024	2039
7440-50-8	Copper	5.7	*	12/27/2024	2039
7439-89-6	Iron	13000	*	12/27/2024	2039
7439-92-1	Lead	12		12/27/2024	2039
7439-95-4	Magnesium	4700	*	12/27/2024	2039
7439-96-5	Manganese	630	*	12/27/2024	2039
7440-02-0	Nickel	11		12/27/2024	2039
7440-09-7	Potassium	720		12/27/2024	2039
7782-49-2	Selenium	6.1	*	12/27/2024	2039
7440-22-4	Silver	0.81	U*	12/27/2024	2039
7440-23-5	Sodium	92	J	12/27/2024	2039
7440-28-0	Thallium	2.0	U*	12/27/2024	2039
7440-62-2	Vanadium	12		12/27/2024	2039
7440-66-6	Zinc	65	*	12/27/2024	2039

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHLF2

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHLE9

Matrix: SOIL Lab Sample ID: P5079-04

% Solids: 87.5 Date Received: 12/04/2024

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	*	12/27/2024	2043
7440-36-0	Antimony	6.1	U*	12/27/2024	2043
7440-38-2	Arsenic	5.1		12/27/2024	2043
7440-39-3	Barium	63	*	12/27/2024	2043
7440-41-7	Beryllium	0.54		12/27/2024	2043
7440-43-9	Cadmium	0.19	J	12/27/2024	2043
7440-70-2	Calcium	16000	*	12/27/2024	2043
7440-47-3	Chromium	11		12/27/2024	2043
7440-48-4	Cobalt	8.1	*	12/27/2024	2043
7440-50-8	Copper	14	*	12/27/2024	2043
7439-89-6	Iron	13000	*	12/27/2024	2043
7439-92-1	Lead	44		12/27/2024	2043
7439-95-4	Magnesium	5200	*	12/27/2024	2043
7439-96-5	Manganese	440	*	12/27/2024	2043
7440-02-0	Nickel	11		12/27/2024	2043
7440-09-7	Potassium	870		12/27/2024	2043
7782-49-2	Selenium	4.6	*	12/27/2024	2043
7440-22-4	Silver	1.0	U*	12/27/2024	2043
7440-23-5	Sodium	510	U	12/27/2024	2043
7440-28-0	Thallium	2.5	U*	12/27/2024	2043
7440-62-2	Vanadium	11		12/27/2024	2043
7440-66-6	Zinc	81	*	12/27/2024	2043

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHLF3

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHLE9

Matrix: SOIL Lab Sample ID: P5079-05

% Solids: 73.3 Date Received: 12/04/2024

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	*	12/27/2024	2047
7440-36-0	Antimony	5.9	U*	12/27/2024	2047
7440-38-2	Arsenic	7.2		12/27/2024	2047
7440-39-3	Barium	68	*	12/27/2024	2047
7440-41-7	Beryllium	0.51		12/27/2024	2047
7440-43-9	Cadmium	0.91		12/27/2024	2047
7440-70-2	Calcium	76000	*	12/27/2024	2047
7440-47-3	Chromium	19		12/27/2024	2047
7440-48-4	Cobalt	9.6	*	12/27/2024	2047
7440-50-8	Copper	30	*	12/27/2024	2047
7439-89-6	Iron	12000	*	12/27/2024	2047
7439-92-1	Lead	130		12/27/2024	2047
7439-95-4	Magnesium	32000	*	12/27/2024	2047
7439-96-5	Manganese	730	*	12/27/2024	2047
7440-02-0	Nickel	16		12/27/2024	2047
7440-09-7	Potassium	900		12/27/2024	2047
7782-49-2	Selenium	4.2	*	12/27/2024	2047
7440-22-4	Silver	0.98	U*	12/27/2024	2047
7440-23-5	Sodium	490	U	12/27/2024	2047
7440-28-0	Thallium	2.5	U*	12/27/2024	2047
7440-62-2	Vanadium	10		12/27/2024	2047
7440-66-6	Zinc	160	*	12/27/2024	2047

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHLF4

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHLE9

Matrix: SOIL Lab Sample ID: P5079-06

% Solids: 88.8 Date Received: 12/04/2024

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	2400	*	12/27/2024	2051
7440-36-0	Antimony	4.7	U*	12/27/2024	2051
7440-38-2	Arsenic	4.7		12/27/2024	2051
7440-39-3	Barium	27	*	12/27/2024	2051
7440-41-7	Beryllium	0.33	J	12/27/2024	2051
7440-43-9	Cadmium	0.63		12/27/2024	2051
7440-70-2	Calcium	140000	D*	01/05/2025	1914
7440-47-3	Chromium	8.9		12/27/2024	2051
7440-48-4	Cobalt	7.7	*	12/27/2024	2051
7440-50-8	Copper	14	*	12/27/2024	2051
7439-89-6	Iron	8500	*	12/27/2024	2051
7439-92-1	Lead	75		12/27/2024	2051
7439-95-4	Magnesium	51000	*	12/27/2024	2051
7439-96-5	Manganese	640	*	12/27/2024	2051
7440-02-0	Nickel	10		12/27/2024	2051
7440-09-7	Potassium	740		12/27/2024	2051
7782-49-2	Selenium	1.8	J*	12/27/2024	2051
7440-22-4	Silver	0.78	U*	12/27/2024	2051
7440-23-5	Sodium	120	J	12/27/2024	2051
7440-28-0	Thallium	1.9	U*	12/27/2024	2051
7440-62-2	Vanadium	6.5		12/27/2024	2051
7440-66-6	Zinc	99	*	12/27/2024	2051

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHLF5

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHLE9

Matrix: SOIL Lab Sample ID: P5079-07

% Solids: 82.7 Date Received: 12/04/2024

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	*	12/27/2024	2055
7440-36-0	Antimony	5.2	U*	12/27/2024	2055
7440-38-2	Arsenic	11		12/27/2024	2055
7440-39-3	Barium	90	*	12/27/2024	2055
7440-41-7	Beryllium	0.56		12/27/2024	2055
7440-43-9	Cadmium	0.72		12/27/2024	2055
7440-70-2	Calcium	39000	*	12/27/2024	2055
7440-47-3	Chromium	21		12/27/2024	2055
7440-48-4	Cobalt	9.8	*	12/27/2024	2055
7440-50-8	Copper	27	*	12/27/2024	2055
7439-89-6	Iron	13000	*	12/27/2024	2055
7439-92-1	Lead	150		12/27/2024	2055
7439-95-4	Magnesium	13000	*	12/27/2024	2055
7439-96-5	Manganese	780	*	12/27/2024	2055
7440-02-0	Nickel	17		12/27/2024	2055
7440-09-7	Potassium	910		12/27/2024	2055
7782-49-2	Selenium	5.2	*	12/27/2024	2055
7440-22-4	Silver	0.86	U*	12/27/2024	2055
7440-23-5	Sodium	430	U	12/27/2024	2055
7440-28-0	Thallium	2.1	U*	12/27/2024	2055
7440-62-2	Vanadium	13		12/27/2024	2055
7440-66-6	Zinc	120	*	12/27/2024	2055

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHLF6

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHLE9

Matrix: SOIL Lab Sample ID: P5079-08

% Solids: 78 Date Received: 12/04/2024

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	*	12/27/2024	2059
7440-36-0	Antimony	6.2	U*	12/27/2024	2059
7440-38-2	Arsenic	13		12/27/2024	2059
7440-39-3	Barium	120	*	12/27/2024	2059
7440-41-7	Beryllium	0.71		12/27/2024	2059
7440-43-9	Cadmium	0.83		12/27/2024	2059
7440-70-2	Calcium	23000	*	12/27/2024	2059
7440-47-3	Chromium	28		12/27/2024	2059
7440-48-4	Cobalt	11	*	12/27/2024	2059
7440-50-8	Copper	33	*	12/27/2024	2059
7439-89-6	Iron	16000	*	12/27/2024	2059
7439-92-1	Lead	170		12/27/2024	2059
7439-95-4	Magnesium	6900	*	12/27/2024	2059
7439-96-5	Manganese	770	*	12/27/2024	2059
7440-02-0	Nickel	20		12/27/2024	2059
7440-09-7	Potassium	990		12/27/2024	2059
7782-49-2	Selenium	6.6	*	12/27/2024	2059
7440-22-4	Silver	1.0	U*	12/27/2024	2059
7440-23-5	Sodium	520	U	12/27/2024	2059
7440-28-0	Thallium	2.6	U*	12/27/2024	2059
7440-62-2	Vanadium	15		12/27/2024	2059
7440-66-6	Zinc	130	*	12/27/2024	2059

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHLF7

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHLE9

Matrix: SOIL Lab Sample ID: P5079-09

% Solids: 79.1 Date Received: 12/04/2024

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	*	12/27/2024	2103
7440-36-0	Antimony	6.8	U*	12/27/2024	2103
7440-38-2	Arsenic	12		12/27/2024	2103
7440-39-3	Barium	140	*	12/27/2024	2103
7440-41-7	Beryllium	0.79		12/27/2024	2103
7440-43-9	Cadmium	0.62		12/27/2024	2103
7440-70-2	Calcium	15000	*	12/27/2024	2103
7440-47-3	Chromium	16		12/27/2024	2103
7440-48-4	Cobalt	12	*	12/27/2024	2103
7440-50-8	Copper	29	*	12/27/2024	2103
7439-89-6	Iron	18000	*	12/27/2024	2103
7439-92-1	Lead	89		12/27/2024	2103
7439-95-4	Magnesium	4100	*	12/27/2024	2103
7439-96-5	Manganese	1500	*	12/27/2024	2103
7440-02-0	Nickel	19		12/27/2024	2103
7440-09-7	Potassium	900		12/27/2024	2103
7782-49-2	Selenium	9.0	*	12/27/2024	2103
7440-22-4	Silver	1.1	U*	12/27/2024	2103
7440-23-5	Sodium	570	U	12/27/2024	2103
7440-28-0	Thallium	2.9	U*	12/27/2024	2103
7440-62-2	Vanadium	18		12/27/2024	2103
7440-66-6	Zinc	93	*	12/27/2024	2103

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHLF8

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHLE9

Matrix: SOIL Lab Sample ID: P5079-10

% Solids: 86 Date Received: 12/04/2024

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	*	12/27/2024	1610
7440-36-0	Antimony	0.63	J*	12/27/2024	1610
7440-38-2	Arsenic	10		12/27/2024	1610
7440-39-3	Barium	100	*	12/27/2024	1610
7440-41-7	Beryllium	0.67		12/27/2024	1610
7440-43-9	Cadmium	0.40	J	12/27/2024	1610
7440-70-2	Calcium	5900	*	12/27/2024	1610
7440-47-3	Chromium	11		12/27/2024	1610
7440-48-4	Cobalt	9.9	*	12/27/2024	1610
7440-50-8	Copper	22	*	12/27/2024	1610
7439-89-6	Iron	16000	*	12/27/2024	1610
7439-92-1	Lead	26		12/27/2024	1610
7439-95-4	Magnesium	2600	*	12/27/2024	1610
7439-96-5	Manganese	1100	*	12/27/2024	1610
7440-02-0	Nickel	16		12/27/2024	1610
7440-09-7	Potassium	670		12/27/2024	1610
7782-49-2	Selenium	9.2	*	12/27/2024	1610
7440-22-4	Silver	0.95	U*	12/27/2024	1610
7440-23-5	Sodium	480	U	12/27/2024	1610
7440-28-0	Thallium	2.4	U*	12/27/2024	1610
7440-62-2	Vanadium	15		12/27/2024	1610
7440-66-6	Zinc	57	*	12/27/2024	1610

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHLF9

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHLE9

Matrix: SOIL Lab Sample ID: P5079-13

% Solids: 88 Date Received: 12/04/2024

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	4900	*	12/27/2024	2107
7440-36-0	Antimony	4.9	U*	12/27/2024	2107
7440-38-2	Arsenic	8.7		12/27/2024	2107
7440-39-3	Barium	140	*	12/27/2024	2107
7440-41-7	Beryllium	0.52		12/27/2024	2107
7440-43-9	Cadmium	0.36	J	12/27/2024	2107
7440-70-2	Calcium	36000	*	12/27/2024	2107
7440-47-3	Chromium	8.0		12/27/2024	2107
7440-48-4	Cobalt	11	*	12/27/2024	2107
7440-50-8	Copper	27	*	12/27/2024	2107
7439-89-6	Iron	14000	*	12/27/2024	2107
7439-92-1	Lead	16		12/27/2024	2107
7439-95-4	Magnesium	8700	*	12/27/2024	2107
7439-96-5	Manganese	1600	*	12/27/2024	2107
7440-02-0	Nickel	19		12/27/2024	2107
7440-09-7	Potassium	850		12/27/2024	2107
7782-49-2	Selenium	6.5	*	12/27/2024	2107
7440-22-4	Silver	0.81	U*	12/27/2024	2107
7440-23-5	Sodium	410	U	12/27/2024	2107
7440-28-0	Thallium	2.0	U*	12/27/2024	2107
7440-62-2	Vanadium	12		12/27/2024	2107
7440-66-6	Zinc	35	*	12/27/2024	2107

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHLG7

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHLE9

Matrix: SOIL Lab Sample ID: P5079-14

% Solids: 73.3 Date Received: 12/04/2024

Analytical Method: ICP_AES

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	7000	*	12/27/2024	2110
7440-36-0	Antimony	0.63	J*	12/27/2024	2110
7440-38-2	Arsenic	12		12/27/2024	2110
7440-39-3	Barium	130	*	12/27/2024	2110
7440-41-7	Beryllium	0.70		12/27/2024	2110
7440-43-9	Cadmium	0.70		12/27/2024	2110
7440-70-2	Calcium	6600	*	12/27/2024	2110
7440-47-3	Chromium	20		12/27/2024	2110
7440-48-4	Cobalt	9.2	*	12/27/2024	2110
7440-50-8	Copper	32	*	12/27/2024	2110
7439-89-6	Iron	15000	*	12/27/2024	2110
7439-92-1	Lead	130		12/27/2024	2110
7439-95-4	Magnesium	2700	*	12/27/2024	2110
7439-96-5	Manganese	730	*	12/27/2024	2110
7440-02-0	Nickel	18		12/27/2024	2110
7440-09-7	Potassium	1000		12/27/2024	2110
7782-49-2	Selenium	7.8	*	12/27/2024	2110
7440-22-4	Silver	1.0	U*	12/27/2024	2110
7440-23-5	Sodium	520	U	12/27/2024	2110
7440-28-0	Thallium	2.6	U*	12/27/2024	2110
7440-62-2	Vanadium	15		12/27/2024	2110
7440-66-6	Zinc	150	*	12/27/2024	2110

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHLG8

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHLE9

Matrix: SOIL Lab Sample ID: P5079-15

% Solids: 75 Date Received: 12/04/2024

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	7800	*	12/27/2024	2114
7440-36-0	Antimony	1.6	J*	12/27/2024	2114
7440-38-2	Arsenic	15		12/27/2024	2114
7440-39-3	Barium	170	*	12/27/2024	2114
7440-41-7	Beryllium	0.81		12/27/2024	2114
7440-43-9	Cadmium	0.88		12/27/2024	2114
7440-70-2	Calcium	5700	*	12/27/2024	2114
7440-47-3	Chromium	22		12/27/2024	2114
7440-48-4	Cobalt	11	*	12/27/2024	2114
7440-50-8	Copper	35	*	12/27/2024	2114
7439-89-6	Iron	18000	*	12/27/2024	2114
7439-92-1	Lead	150		12/27/2024	2114
7439-95-4	Magnesium	2700	*	12/27/2024	2114
7439-96-5	Manganese	1100	*	12/27/2024	2114
7440-02-0	Nickel	21		12/27/2024	2114
7440-09-7	Potassium	1000		12/27/2024	2114
7782-49-2	Selenium	9.9	*	12/27/2024	2114
7440-22-4	Silver	1.1	U*	12/27/2024	2114
7440-23-5	Sodium	560	U	12/27/2024	2114
7440-28-0	Thallium	2.8	U*	12/27/2024	2114
7440-62-2	Vanadium	19		12/27/2024	2114
7440-66-6	Zinc	170	*	12/27/2024	2114

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHLG9

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHLE9

Matrix: SOIL Lab Sample ID: P5079-16

% Solids: 80.4 Date Received: 12/04/2024

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	8300	*	12/27/2024	2118
7440-36-0	Antimony	0.81	J*	12/27/2024	2118
7440-38-2	Arsenic	12		12/27/2024	2118
7440-39-3	Barium	150	*	12/27/2024	2118
7440-41-7	Beryllium	0.79		12/27/2024	2118
7440-43-9	Cadmium	0.62		12/27/2024	2118
7440-70-2	Calcium	5100	*	12/27/2024	2118
7440-47-3	Chromium	18		12/27/2024	2118
7440-48-4	Cobalt	9.8	*	12/27/2024	2118
7440-50-8	Copper	32	*	12/27/2024	2118
7439-89-6	Iron	16000	*	12/27/2024	2118
7439-92-1	Lead	120		12/27/2024	2118
7439-95-4	Magnesium	2700	*	12/27/2024	2118
7439-96-5	Manganese	790	*	12/27/2024	2118
7440-02-0	Nickel	18		12/27/2024	2118
7440-09-7	Potassium	930		12/27/2024	2118
7782-49-2	Selenium	8.8	*	12/27/2024	2118
7440-22-4	Silver	1.1	U*	12/27/2024	2118
7440-23-5	Sodium	570	U	12/27/2024	2118
7440-28-0	Thallium	2.8	U*	12/27/2024	2118
7440-62-2	Vanadium	18		12/27/2024	2118
7440-66-6	Zinc	130	*	12/27/2024	2118

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHLH0

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHLE9

Matrix: SOIL Lab Sample ID: P5079-17

% Solids: 85.3 Date Received: 12/04/2024

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	8200	*	12/27/2024	2122
7440-36-0	Antimony	0.78	J*	12/27/2024	2122
7440-38-2	Arsenic	8.9		12/27/2024	2122
7440-39-3	Barium	120	*	12/27/2024	2122
7440-41-7	Beryllium	0.72		12/27/2024	2122
7440-43-9	Cadmium	0.43	J	12/27/2024	2122
7440-70-2	Calcium	4800	*	12/27/2024	2122
7440-47-3	Chromium	13		12/27/2024	2122
7440-48-4	Cobalt	8.8	*	12/27/2024	2122
7440-50-8	Copper	26	*	12/27/2024	2122
7439-89-6	Iron	15000	*	12/27/2024	2122
7439-92-1	Lead	47		12/27/2024	2122
7439-95-4	Magnesium	2700	*	12/27/2024	2122
7439-96-5	Manganese	670	*	12/27/2024	2122
7440-02-0	Nickel	14		12/27/2024	2122
7440-09-7	Potassium	840		12/27/2024	2122
7782-49-2	Selenium	8.0	*	12/27/2024	2122
7440-22-4	Silver	1.1	U*	12/27/2024	2122
7440-23-5	Sodium	530	U	12/27/2024	2122
7440-28-0	Thallium	2.7	U*	12/27/2024	2122
7440-62-2	Vanadium	15		12/27/2024	2122
7440-66-6	Zinc	93	*	12/27/2024	2122

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHLH1

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHLE9

Matrix: SOIL Lab Sample ID: P5079-18

% Solids: 87.7 Date Received: 12/04/2024

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	*	12/27/2024	2126
7440-36-0	Antimony	1.5	J*	12/27/2024	2126
7440-38-2	Arsenic	10		12/27/2024	2126
7440-39-3	Barium	170	*	12/27/2024	2126
7440-41-7	Beryllium	0.73		12/27/2024	2126
7440-43-9	Cadmium	0.54		12/27/2024	2126
7440-70-2	Calcium	3900	*	12/27/2024	2126
7440-47-3	Chromium	12		12/27/2024	2126
7440-48-4	Cobalt	12	*	12/27/2024	2126
7440-50-8	Copper	16	*	12/27/2024	2126
7439-89-6	Iron	19000	*	12/27/2024	2126
7439-92-1	Lead	31		12/27/2024	2126
7439-95-4	Magnesium	2800	*	12/27/2024	2126
7439-96-5	Manganese	1100	*	12/27/2024	2126
7440-02-0	Nickel	17		12/27/2024	2126
7440-09-7	Potassium	770		12/27/2024	2126
7782-49-2	Selenium	11	*	12/27/2024	2126
7440-22-4	Silver	0.89	U*	12/27/2024	2126
7440-23-5	Sodium	450	U	12/27/2024	2126
7440-28-0	Thallium	2.2	U*	12/27/2024	2126
7440-62-2	Vanadium	18		12/27/2024	2126
7440-66-6	Zinc	98	*	12/27/2024	2126

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHLH2

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHLE9

Matrix: SOIL Lab Sample ID: P5079-19

% Solids: 91.3 Date Received: 12/04/2024

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	*	12/27/2024	2138
7440-36-0	Antimony	6.0	U*	12/27/2024	2138
7440-38-2	Arsenic	6.4		12/27/2024	2138
7440-39-3	Barium	70	*	12/27/2024	2138
7440-41-7	Beryllium	0.58		12/27/2024	2138
7440-43-9	Cadmium	0.21	J	12/27/2024	2138
7440-70-2	Calcium	7500	*	12/27/2024	2138
7440-47-3	Chromium	9.1		12/27/2024	2138
7440-48-4	Cobalt	8.3	*	12/27/2024	2138
7440-50-8	Copper	11	*	12/27/2024	2138
7439-89-6	Iron	14000	*	12/27/2024	2138
7439-92-1	Lead	23		12/27/2024	2138
7439-95-4	Magnesium	2700	*	12/27/2024	2138
7439-96-5	Manganese	390	*	12/27/2024	2138
7440-02-0	Nickel	11		12/27/2024	2138
7440-09-7	Potassium	750		12/27/2024	2138
7782-49-2	Selenium	6.7	*	12/27/2024	2138
7440-22-4	Silver	1.0	U*	12/27/2024	2138
7440-23-5	Sodium	500	U	12/27/2024	2138
7440-28-0	Thallium	2.5	U*	12/27/2024	2138
7440-62-2	Vanadium	14		12/27/2024	2138
7440-66-6	Zinc	64	*	12/27/2024	2138

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHLH3

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHLE9
 Matrix: SOIL Lab Sample ID: P5079-20
 % Solids: 92.3 Date Received: 12/04/2024
 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	*	12/27/2024	2142
7440-36-0	Antimony	5.0	U*	12/27/2024	2142
7440-38-2	Arsenic	6.4		12/27/2024	2142
7440-39-3	Barium	59	*	12/27/2024	2142
7440-41-7	Beryllium	0.54		12/27/2024	2142
7440-43-9	Cadmium	0.19	J	12/27/2024	2142
7440-70-2	Calcium	38000	*	12/27/2024	2142
7440-47-3	Chromium	9.5		12/27/2024	2142
7440-48-4	Cobalt	9.8	*	12/27/2024	2142
7440-50-8	Copper	12	*	12/27/2024	2142
7439-89-6	Iron	14000	*	12/27/2024	2142
7439-92-1	Lead	19		12/27/2024	2142
7439-95-4	Magnesium	7600	*	12/27/2024	2142
7439-96-5	Manganese	470	*	12/27/2024	2142
7440-02-0	Nickel	12		12/27/2024	2142
7440-09-7	Potassium	1200		12/27/2024	2142
7782-49-2	Selenium	6.1	*	12/27/2024	2142
7440-22-4	Silver	0.83	U*	12/27/2024	2142
7440-23-5	Sodium	420	U	12/27/2024	2142
7440-28-0	Thallium	2.1	U*	12/27/2024	2142
7440-62-2	Vanadium	17		12/27/2024	2142
7440-66-6	Zinc	53	*	12/27/2024	2142

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHLH4

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHLE9

Matrix: SOIL Lab Sample ID: P5079-21

% Solids: 74.9 Date Received: 12/04/2024

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	*	12/27/2024	2146
7440-36-0	Antimony	6.5	U*	12/27/2024	2146
7440-38-2	Arsenic	16		12/27/2024	2146
7440-39-3	Barium	3100	D*	01/04/2025	0005
7440-41-7	Beryllium	0.73		12/27/2024	2146
7440-43-9	Cadmium	1.5		12/27/2024	2146
7440-70-2	Calcium	8800	*	12/27/2024	2146
7440-47-3	Chromium	23		12/27/2024	2146
7440-48-4	Cobalt	10	*	12/27/2024	2146
7440-50-8	Copper	43	*	12/27/2024	2146
7439-89-6	Iron	15000	*	12/27/2024	2146
7439-92-1	Lead	560		12/27/2024	2146
7439-95-4	Magnesium	3200	*	12/27/2024	2146
7439-96-5	Manganese	780	*	12/27/2024	2146
7440-02-0	Nickel	19		12/27/2024	2146
7440-09-7	Potassium	1000		12/27/2024	2146
7782-49-2	Selenium	7.4	*	12/27/2024	2146
7440-22-4	Silver	1.1	U*	12/27/2024	2146
7440-23-5	Sodium	540	U	12/27/2024	2146
7440-28-0	Thallium	2.7	U*	12/27/2024	2146
7440-62-2	Vanadium	18		12/27/2024	2146
7440-66-6	Zinc	330	*	12/27/2024	2146

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHLH5

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHLE9

Matrix: SOIL Lab Sample ID: P5079-22

% Solids: 76.8 Date Received: 12/04/2024

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	*	12/27/2024	2150
7440-36-0	Antimony	5.6	U*	12/27/2024	2150
7440-38-2	Arsenic	17		12/27/2024	2150
7440-39-3	Barium	150	*	12/27/2024	2150
7440-41-7	Beryllium	0.70		12/27/2024	2150
7440-43-9	Cadmium	0.83		12/27/2024	2150
7440-70-2	Calcium	17000	*	12/27/2024	2150
7440-47-3	Chromium	25		12/27/2024	2150
7440-48-4	Cobalt	11	*	12/27/2024	2150
7440-50-8	Copper	43	*	12/27/2024	2150
7439-89-6	Iron	16000	*	12/27/2024	2150
7439-92-1	Lead	460		12/27/2024	2150
7439-95-4	Magnesium	3900	*	12/27/2024	2150
7439-96-5	Manganese	710	*	12/27/2024	2150
7440-02-0	Nickel	20		12/27/2024	2150
7440-09-7	Potassium	990		12/27/2024	2150
7782-49-2	Selenium	7.3	*	12/27/2024	2150
7440-22-4	Silver	0.94	U*	12/27/2024	2150
7440-23-5	Sodium	470	U	12/27/2024	2150
7440-28-0	Thallium	2.3	U*	12/27/2024	2150
7440-62-2	Vanadium	18		12/27/2024	2150
7440-66-6	Zinc	240	*	12/27/2024	2150

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

Comments: