

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHK33

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHK33

Matrix: SOIL Lab Sample ID: P5036-01

% Solids: 85.1 Date Received: 11/27/2024

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		12/29/2024	0815
7440-36-0	Antimony	2.7	J	12/29/2024	0815
7440-38-2	Arsenic	16		12/29/2024	0815
7440-39-3	Barium	93		12/29/2024	0815
7440-41-7	Beryllium	1.2		12/29/2024	0815
7440-43-9	Cadmium	1.6		12/29/2024	0815
7440-70-2	Calcium	7800		12/29/2024	0815
7440-47-3	Chromium	9.1		12/29/2024	0815
7440-48-4	Cobalt	7.8	*	12/29/2024	0815
7440-50-8	Copper	17		12/29/2024	0815
7439-89-6	Iron	19000		12/29/2024	0815
7439-92-1	Lead	62	*	12/29/2024	0815
7439-95-4	Magnesium	3000	*	12/29/2024	0815
7439-96-5	Manganese	2200		12/29/2024	0815
7440-02-0	Nickel	19		12/29/2024	0815
7440-09-7	Potassium	650		12/29/2024	0815
7782-49-2	Selenium	10		12/29/2024	0815
7440-22-4	Silver	0.37	J*	12/29/2024	0815
7440-23-5	Sodium	280	J	12/29/2024	0815
7440-28-0	Thallium	2.4	U*	12/29/2024	0815
7440-62-2	Vanadium	15		12/29/2024	0815
7440-66-6	Zinc	99		12/29/2024	0815

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHK51

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHK33

Matrix: SOIL Lab Sample ID: P5036-22

% Solids: 86.3 Date Received: 11/27/2024

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		12/29/2024	0948
7440-36-0	Antimony	5.9	U	12/29/2024	0948
7440-38-2	Arsenic	12		12/29/2024	0948
7440-39-3	Barium	97		12/29/2024	0948
7440-41-7	Beryllium	1.1		12/29/2024	0948
7440-43-9	Cadmium	1.2		12/29/2024	0948
7440-70-2	Calcium	54000		12/29/2024	0948
7440-47-3	Chromium	12		12/29/2024	0948
7440-48-4	Cobalt	7.2	*	12/29/2024	0948
7440-50-8	Copper	24		12/29/2024	0948
7439-89-6	Iron	15000		12/29/2024	0948
7439-92-1	Lead	320	*	12/29/2024	0948
7439-95-4	Magnesium	29000	*	12/29/2024	0948
7439-96-5	Manganese	1200		12/29/2024	0948
7440-02-0	Nickel	20		12/29/2024	0948
7440-09-7	Potassium	740		12/29/2024	0948
7782-49-2	Selenium	5.3		12/29/2024	0948
7440-22-4	Silver	0.22	J*	12/29/2024	0948
7440-23-5	Sodium	350	J	12/29/2024	0948
7440-28-0	Thallium	2.5	U*	12/29/2024	0948
7440-62-2	Vanadium	15		12/29/2024	0948
7440-66-6	Zinc	210		12/29/2024	0948

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHKD5

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHK33

Matrix: SOIL Lab Sample ID: P5036-13

% Solids: 81.6 Date Received: 11/27/2024

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	7900		12/29/2024	0905
7440-36-0	Antimony	1.0	J	12/29/2024	0905
7440-38-2	Arsenic	9.1		12/29/2024	0905
7440-39-3	Barium	110		12/29/2024	0905
7440-41-7	Beryllium	1.2		12/29/2024	0905
7440-43-9	Cadmium	0.58		12/29/2024	0905
7440-70-2	Calcium	23000		12/29/2024	0905
7440-47-3	Chromium	13		12/29/2024	0905
7440-48-4	Cobalt	5.4	*	12/29/2024	0905
7440-50-8	Copper	15		12/29/2024	0905
7439-89-6	Iron	15000		12/29/2024	0905
7439-92-1	Lead	54	*	12/29/2024	0905
7439-95-4	Magnesium	5200	*	12/29/2024	0905
7439-96-5	Manganese	720		12/29/2024	0905
7440-02-0	Nickel	16		12/29/2024	0905
7440-09-7	Potassium	680		12/29/2024	0905
7782-49-2	Selenium	6.1		12/29/2024	0905
7440-22-4	Silver	1.1	U*	12/29/2024	0905
7440-23-5	Sodium	540	U	12/29/2024	0905
7440-28-0	Thallium	2.7	U*	12/29/2024	0905
7440-62-2	Vanadium	20		12/29/2024	0905
7440-66-6	Zinc	71		12/29/2024	0905

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHKD7

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHK33

Matrix: SOIL Lab Sample ID: P5036-14

% Solids: 87.3 Date Received: 11/27/2024

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		12/29/2024	0909
7440-36-0	Antimony	0.61	J	12/29/2024	0909
7440-38-2	Arsenic	5.6		12/29/2024	0909
7440-39-3	Barium	75		12/29/2024	0909
7440-41-7	Beryllium	0.89		12/29/2024	0909
7440-43-9	Cadmium	0.38	J	12/29/2024	0909
7440-70-2	Calcium	43000		12/29/2024	0909
7440-47-3	Chromium	8.9		12/29/2024	0909
7440-48-4	Cobalt	7.1	*	12/29/2024	0909
7440-50-8	Copper	16		12/29/2024	0909
7439-89-6	Iron	14000		12/29/2024	0909
7439-92-1	Lead	28	*	12/29/2024	0909
7439-95-4	Magnesium	10000	*	12/29/2024	0909
7439-96-5	Manganese	740		12/29/2024	0909
7440-02-0	Nickel	17		12/29/2024	0909
7440-09-7	Potassium	510		12/29/2024	0909
7782-49-2	Selenium	4.1		12/29/2024	0909
7440-22-4	Silver	0.95	U*	12/29/2024	0909
7440-23-5	Sodium	95	J	12/29/2024	0909
7440-28-0	Thallium	2.4	U*	12/29/2024	0909
7440-62-2	Vanadium	16		12/29/2024	0909
7440-66-6	Zinc	48		12/29/2024	0909

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHKD8

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHK33

Matrix: SOIL Lab Sample ID: P5036-15

% Solids: 88.2 Date Received: 11/27/2024

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		12/29/2024	0913
7440-36-0	Antimony	6.2	U	12/29/2024	0913
7440-38-2	Arsenic	4.2		12/29/2024	0913
7440-39-3	Barium	52		12/29/2024	0913
7440-41-7	Beryllium	0.82		12/29/2024	0913
7440-43-9	Cadmium	0.25	J	12/29/2024	0913
7440-70-2	Calcium	50000		12/29/2024	0913
7440-47-3	Chromium	7.9		12/29/2024	0913
7440-48-4	Cobalt	5.9	*	12/29/2024	0913
7440-50-8	Copper	12		12/29/2024	0913
7439-89-6	Iron	13000		12/29/2024	0913
7439-92-1	Lead	18	*	12/29/2024	0913
7439-95-4	Magnesium	8300	*	12/29/2024	0913
7439-96-5	Manganese	360		12/29/2024	0913
7440-02-0	Nickel	13		12/29/2024	0913
7440-09-7	Potassium	430	J	12/29/2024	0913
7782-49-2	Selenium	3.2	J	12/29/2024	0913
7440-22-4	Silver	1.0	U*	12/29/2024	0913
7440-23-5	Sodium	520	U	12/29/2024	0913
7440-28-0	Thallium	2.6	U*	12/29/2024	0913
7440-62-2	Vanadium	11		12/29/2024	0913
7440-66-6	Zinc	40		12/29/2024	0913

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHKD9

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHK33

Matrix: SOIL Lab Sample ID: P5036-16

% Solids: 78.1 Date Received: 11/27/2024

Analytical Method: ICP_AES

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	7300		12/29/2024	0917
7440-36-0	Antimony	2.0	J	12/29/2024	0917
7440-38-2	Arsenic	8.5		12/29/2024	0917
7440-39-3	Barium	120		12/29/2024	0917
7440-41-7	Beryllium	1.2		12/29/2024	0917
7440-43-9	Cadmium	0.64		12/29/2024	0917
7440-70-2	Calcium	7600		12/29/2024	0917
7440-47-3	Chromium	15		12/29/2024	0917
7440-48-4	Cobalt	4.3	J*	12/29/2024	0917
7440-50-8	Copper	27		12/29/2024	0917
7439-89-6	Iron	16000		12/29/2024	0917
7439-92-1	Lead	130	*	12/29/2024	0917
7439-95-4	Magnesium	3000	*	12/29/2024	0917
7439-96-5	Manganese	560		12/29/2024	0917
7440-02-0	Nickel	18		12/29/2024	0917
7440-09-7	Potassium	880		12/29/2024	0917
7782-49-2	Selenium	7.6		12/29/2024	0917
7440-22-4	Silver	1.2	U*	12/29/2024	0917
7440-23-5	Sodium	590	U	12/29/2024	0917
7440-28-0	Thallium	2.9	U*	12/29/2024	0917
7440-62-2	Vanadium	18		12/29/2024	0917
7440-66-6	Zinc	150		12/29/2024	0917

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHKE0

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHK33

Matrix: SOIL Lab Sample ID: P5036-17

% Solids: 80.7 Date Received: 11/27/2024

Analytical Method: ICP_AES

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	6600		12/29/2024	0929
7440-36-0	Antimony	4.3	J	12/29/2024	0929
7440-38-2	Arsenic	18		12/29/2024	0929
7440-39-3	Barium	420		12/29/2024	0929
7440-41-7	Beryllium	1.7		12/29/2024	0929
7440-43-9	Cadmium	1.3		12/29/2024	0929
7440-70-2	Calcium	13000		12/29/2024	0929
7440-47-3	Chromium	13		12/29/2024	0929
7440-48-4	Cobalt	2.8	J*	12/29/2024	0929
7440-50-8	Copper	33		12/29/2024	0929
7439-89-6	Iron	30000		12/29/2024	0929
7439-92-1	Lead	120	*	12/29/2024	0929
7439-95-4	Magnesium	6200	*	12/29/2024	0929
7439-96-5	Manganese	2500		12/29/2024	0929
7440-02-0	Nickel	20		12/29/2024	0929
7440-09-7	Potassium	640		12/29/2024	0929
7782-49-2	Selenium	16		12/29/2024	0929
7440-22-4	Silver	0.26	J*	12/29/2024	0929
7440-23-5	Sodium	520	U	12/29/2024	0929
7440-28-0	Thallium	2.6	U*	12/29/2024	0929
7440-62-2	Vanadium	27		12/29/2024	0929
7440-66-6	Zinc	140		12/29/2024	0929

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHKE1

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHK33

Matrix: SOIL Lab Sample ID: P5036-18

% Solids: 82.8 Date Received: 11/27/2024

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		12/29/2024	0932
7440-36-0	Antimony	2.2	J	12/29/2024	0932
7440-38-2	Arsenic	9.8		12/29/2024	0932
7440-39-3	Barium	140		12/29/2024	0932
7440-41-7	Beryllium	1.2		12/29/2024	0932
7440-43-9	Cadmium	0.66		12/29/2024	0932
7440-70-2	Calcium	6200		12/29/2024	0932
7440-47-3	Chromium	14		12/29/2024	0932
7440-48-4	Cobalt	4.1	J*	12/29/2024	0932
7440-50-8	Copper	23		12/29/2024	0932
7439-89-6	Iron	16000		12/29/2024	0932
7439-92-1	Lead	120	*	12/29/2024	0932
7439-95-4	Magnesium	3000	*	12/29/2024	0932
7439-96-5	Manganese	670		12/29/2024	0932
7440-02-0	Nickel	19		12/29/2024	0932
7440-09-7	Potassium	820		12/29/2024	0932
7782-49-2	Selenium	8.5		12/29/2024	0932
7440-22-4	Silver	1.1	U*	12/29/2024	0932
7440-23-5	Sodium	530	U	12/29/2024	0932
7440-28-0	Thallium	2.7	U*	12/29/2024	0932
7440-62-2	Vanadium	20		12/29/2024	0932
7440-66-6	Zinc	120		12/29/2024	0932

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHKE2

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHK33

Matrix: SOIL Lab Sample ID: P5036-19

% Solids: 85.5 Date Received: 11/27/2024

Analytical Method: ICP_AES

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	7300		12/29/2024	0936
7440-36-0	Antimony	2.0	J	12/29/2024	0936
7440-38-2	Arsenic	7.9		12/29/2024	0936
7440-39-3	Barium	100		12/29/2024	0936
7440-41-7	Beryllium	1.2		12/29/2024	0936
7440-43-9	Cadmium	0.43	J	12/29/2024	0936
7440-70-2	Calcium	6000		12/29/2024	0936
7440-47-3	Chromium	11		12/29/2024	0936
7440-48-4	Cobalt	3.4	J*	12/29/2024	0936
7440-50-8	Copper	11		12/29/2024	0936
7439-89-6	Iron	16000		12/29/2024	0936
7439-92-1	Lead	43	*	12/29/2024	0936
7439-95-4	Magnesium	3200	*	12/29/2024	0936
7439-96-5	Manganese	490		12/29/2024	0936
7440-02-0	Nickel	14		12/29/2024	0936
7440-09-7	Potassium	340	J	12/29/2024	0936
7782-49-2	Selenium	8.1		12/29/2024	0936
7440-22-4	Silver	1.0	U*	12/29/2024	0936
7440-23-5	Sodium	520	U	12/29/2024	0936
7440-28-0	Thallium	2.6	U*	12/29/2024	0936
7440-62-2	Vanadium	16		12/29/2024	0936
7440-66-6	Zinc	56		12/29/2024	0936

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHKE3

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHK33

Matrix: SOIL Lab Sample ID: P5036-20

% Solids: 88.9 Date Received: 11/27/2024

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		12/29/2024	0940
7440-36-0	Antimony	1.6	J	12/29/2024	0940
7440-38-2	Arsenic	5.0		12/29/2024	0940
7440-39-3	Barium	77		12/29/2024	0940
7440-41-7	Beryllium	0.89		12/29/2024	0940
7440-43-9	Cadmium	0.26	J	12/29/2024	0940
7440-70-2	Calcium	9400		12/29/2024	0940
7440-47-3	Chromium	8.6		12/29/2024	0940
7440-48-4	Cobalt	4.5	*	12/29/2024	0940
7440-50-8	Copper	9.0		12/29/2024	0940
7439-89-6	Iron	14000		12/29/2024	0940
7439-92-1	Lead	16	*	12/29/2024	0940
7439-95-4	Magnesium	4200	*	12/29/2024	0940
7439-96-5	Manganese	610		12/29/2024	0940
7440-02-0	Nickel	15		12/29/2024	0940
7440-09-7	Potassium	310	J	12/29/2024	0940
7782-49-2	Selenium	6.0		12/29/2024	0940
7440-22-4	Silver	0.87	U*	12/29/2024	0940
7440-23-5	Sodium	440	U	12/29/2024	0940
7440-28-0	Thallium	2.2	U*	12/29/2024	0940
7440-62-2	Vanadium	13		12/29/2024	0940
7440-66-6	Zinc	30		12/29/2024	0940

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHKE4

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHK33

Matrix: SOIL Lab Sample ID: P5036-21

% Solids: 88.5 Date Received: 11/27/2024

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		12/29/2024	0944
7440-36-0	Antimony	0.76	J	12/29/2024	0944
7440-38-2	Arsenic	4.8		12/29/2024	0944
7440-39-3	Barium	48		12/29/2024	0944
7440-41-7	Beryllium	0.81		12/29/2024	0944
7440-43-9	Cadmium	0.20	J	12/29/2024	0944
7440-70-2	Calcium	17000		12/29/2024	0944
7440-47-3	Chromium	8.0		12/29/2024	0944
7440-48-4	Cobalt	4.8	*	12/29/2024	0944
7440-50-8	Copper	12		12/29/2024	0944
7439-89-6	Iron	12000		12/29/2024	0944
7439-92-1	Lead	12	*	12/29/2024	0944
7439-95-4	Magnesium	6000	*	12/29/2024	0944
7439-96-5	Manganese	270		12/29/2024	0944
7440-02-0	Nickel	14		12/29/2024	0944
7440-09-7	Potassium	280	J	12/29/2024	0944
7782-49-2	Selenium	4.7		12/29/2024	0944
7440-22-4	Silver	0.84	U*	12/29/2024	0944
7440-23-5	Sodium	420	U	12/29/2024	0944
7440-28-0	Thallium	2.1	U*	12/29/2024	0944
7440-62-2	Vanadium	13		12/29/2024	0944
7440-66-6	Zinc	31		12/29/2024	0944

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHKF3

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHK33

Matrix: SOIL Lab Sample ID: P5036-02

% Solids: 73.3 Date Received: 11/27/2024

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	7700		12/29/2024	0819
7440-36-0	Antimony	2.4	J	12/29/2024	0819
7440-38-2	Arsenic	12		12/29/2024	0819
7440-39-3	Barium	140		12/29/2024	0819
7440-41-7	Beryllium	1.4		12/29/2024	0819
7440-43-9	Cadmium	0.75		12/29/2024	0819
7440-70-2	Calcium	13000		12/29/2024	0819
7440-47-3	Chromium	15		12/29/2024	0819
7440-48-4	Cobalt	4.3	J*	12/29/2024	0819
7440-50-8	Copper	25		12/29/2024	0819
7439-89-6	Iron	20000		12/29/2024	0819
7439-92-1	Lead	110	*	12/29/2024	0819
7439-95-4	Magnesium	4100	*	12/29/2024	0819
7439-96-5	Manganese	830		12/29/2024	0819
7440-02-0	Nickel	20		12/29/2024	0819
7440-09-7	Potassium	880		12/29/2024	0819
7782-49-2	Selenium	9.8		12/29/2024	0819
7440-22-4	Silver	1.2	U*	12/29/2024	0819
7440-23-5	Sodium	570	U	12/29/2024	0819
7440-28-0	Thallium	2.9	U*	12/29/2024	0819
7440-62-2	Vanadium	19		12/29/2024	0819
7440-66-6	Zinc	160		12/29/2024	0819

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHKF4

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHK33

Matrix: SOIL Lab Sample ID: P5036-03

% Solids: 77 Date Received: 11/27/2024

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		12/29/2024	0822
7440-36-0	Antimony	1.3	J	12/29/2024	0822
7440-38-2	Arsenic	10		12/29/2024	0822
7440-39-3	Barium	130		12/29/2024	0822
7440-41-7	Beryllium	1.2		12/29/2024	0822
7440-43-9	Cadmium	0.82		12/29/2024	0822
7440-70-2	Calcium	13000		12/29/2024	0822
7440-47-3	Chromium	13		12/29/2024	0822
7440-48-4	Cobalt	5.3	J*	12/29/2024	0822
7440-50-8	Copper	22		12/29/2024	0822
7439-89-6	Iron	16000		12/29/2024	0822
7439-92-1	Lead	110	*	12/29/2024	0822
7439-95-4	Magnesium	3700	*	12/29/2024	0822
7439-96-5	Manganese	770		12/29/2024	0822
7440-02-0	Nickel	18		12/29/2024	0822
7440-09-7	Potassium	610		12/29/2024	0822
7782-49-2	Selenium	7.3		12/29/2024	0822
7440-22-4	Silver	1.2	U*	12/29/2024	0822
7440-23-5	Sodium	580	U	12/29/2024	0822
7440-28-0	Thallium	2.9	U*	12/29/2024	0822
7440-62-2	Vanadium	18		12/29/2024	0822
7440-66-6	Zinc	150		12/29/2024	0822

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHKF5

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHK33

Matrix: SOIL Lab Sample ID: P5036-04

% Solids: 80.9 Date Received: 11/27/2024

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	7700		12/29/2024	0826
7440-36-0	Antimony	1.5	J	12/29/2024	0826
7440-38-2	Arsenic	10		12/29/2024	0826
7440-39-3	Barium	140		12/29/2024	0826
7440-41-7	Beryllium	1.2		12/29/2024	0826
7440-43-9	Cadmium	0.66		12/29/2024	0826
7440-70-2	Calcium	19000		12/29/2024	0826
7440-47-3	Chromium	13		12/29/2024	0826
7440-48-4	Cobalt	5.0	J*	12/29/2024	0826
7440-50-8	Copper	19		12/29/2024	0826
7439-89-6	Iron	17000		12/29/2024	0826
7439-92-1	Lead	68	*	12/29/2024	0826
7439-95-4	Magnesium	3900	*	12/29/2024	0826
7439-96-5	Manganese	880		12/29/2024	0826
7440-02-0	Nickel	17		12/29/2024	0826
7440-09-7	Potassium	600		12/29/2024	0826
7782-49-2	Selenium	6.9		12/29/2024	0826
7440-22-4	Silver	1.0	U*	12/29/2024	0826
7440-23-5	Sodium	520	U	12/29/2024	0826
7440-28-0	Thallium	2.6	U*	12/29/2024	0826
7440-62-2	Vanadium	19		12/29/2024	0826
7440-66-6	Zinc	98		12/29/2024	0826

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHKF6

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHK33

Matrix: SOIL Lab Sample ID: P5036-05

% Solids: 85.4 Date Received: 11/27/2024

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		12/29/2024	0830
7440-36-0	Antimony	0.86	J	12/29/2024	0830
7440-38-2	Arsenic	5.3		12/29/2024	0830
7440-39-3	Barium	82		12/29/2024	0830
7440-41-7	Beryllium	0.93		12/29/2024	0830
7440-43-9	Cadmium	0.34	J	12/29/2024	0830
7440-70-2	Calcium	49000		12/29/2024	0830
7440-47-3	Chromium	9.5		12/29/2024	0830
7440-48-4	Cobalt	5.1	*	12/29/2024	0830
7440-50-8	Copper	5.9		12/29/2024	0830
7439-89-6	Iron	14000		12/29/2024	0830
7439-92-1	Lead	19	*	12/29/2024	0830
7439-95-4	Magnesium	6600	*	12/29/2024	0830
7439-96-5	Manganese	520		12/29/2024	0830
7440-02-0	Nickel	14		12/29/2024	0830
7440-09-7	Potassium	440		12/29/2024	0830
7782-49-2	Selenium	4.5		12/29/2024	0830
7440-22-4	Silver	0.85	U*	12/29/2024	0830
7440-23-5	Sodium	420	U	12/29/2024	0830
7440-28-0	Thallium	2.1	U*	12/29/2024	0830
7440-62-2	Vanadium	15		12/29/2024	0830
7440-66-6	Zinc	35		12/29/2024	0830

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHKF7

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHK33

Matrix: SOIL Lab Sample ID: P5036-06

% Solids: 87.9 Date Received: 11/27/2024

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		12/29/2024	0834
7440-36-0	Antimony	5.4	U	12/29/2024	0834
7440-38-2	Arsenic	2.8		12/29/2024	0834
7440-39-3	Barium	48		12/29/2024	0834
7440-41-7	Beryllium	0.72		12/29/2024	0834
7440-43-9	Cadmium	0.19	J	12/29/2024	0834
7440-70-2	Calcium	49000		12/29/2024	0834
7440-47-3	Chromium	7.7		12/29/2024	0834
7440-48-4	Cobalt	5.3	*	12/29/2024	0834
7440-50-8	Copper	6.3		12/29/2024	0834
7439-89-6	Iron	11000		12/29/2024	0834
7439-92-1	Lead	7.8	*	12/29/2024	0834
7439-95-4	Magnesium	7900	*	12/29/2024	0834
7439-96-5	Manganese	300		12/29/2024	0834
7440-02-0	Nickel	12		12/29/2024	0834
7440-09-7	Potassium	430	J	12/29/2024	0834
7782-49-2	Selenium	2.4	J	12/29/2024	0834
7440-22-4	Silver	0.90	U*	12/29/2024	0834
7440-23-5	Sodium	90	J	12/29/2024	0834
7440-28-0	Thallium	2.3	U*	12/29/2024	0834
7440-62-2	Vanadium	11		12/29/2024	0834
7440-66-6	Zinc	22		12/29/2024	0834

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHKF8

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHK33

Matrix: SOIL Lab Sample ID: P5036-07

% Solids: 92.8 Date Received: 11/27/2024

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		12/29/2024	0838
7440-36-0	Antimony	5.3	U	12/29/2024	0838
7440-38-2	Arsenic	4.0		12/29/2024	0838
7440-39-3	Barium	41		12/29/2024	0838
7440-41-7	Beryllium	0.67		12/29/2024	0838
7440-43-9	Cadmium	0.24	J	12/29/2024	0838
7440-70-2	Calcium	63000		12/29/2024	0838
7440-47-3	Chromium	5.2		12/29/2024	0838
7440-48-4	Cobalt	5.5	*	12/29/2024	0838
7440-50-8	Copper	12		12/29/2024	0838
7439-89-6	Iron	11000		12/29/2024	0838
7439-92-1	Lead	10	*	12/29/2024	0838
7439-95-4	Magnesium	12000	*	12/29/2024	0838
7439-96-5	Manganese	690		12/29/2024	0838
7440-02-0	Nickel	11		12/29/2024	0838
7440-09-7	Potassium	410	J	12/29/2024	0838
7782-49-2	Selenium	2.8	J	12/29/2024	0838
7440-22-4	Silver	0.88	U*	12/29/2024	0838
7440-23-5	Sodium	110	J	12/29/2024	0838
7440-28-0	Thallium	2.2	U*	12/29/2024	0838
7440-62-2	Vanadium	9.7		12/29/2024	0838
7440-66-6	Zinc	25		12/29/2024	0838

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHKF9

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHK33

Matrix: SOIL Lab Sample ID: P5036-10

% Solids: 86.9 Date Received: 11/27/2024

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		12/29/2024	0854
7440-36-0	Antimony	6.1	U	12/29/2024	0854
7440-38-2	Arsenic	4.0		12/29/2024	0854
7440-39-3	Barium	46		12/29/2024	0854
7440-41-7	Beryllium	0.80		12/29/2024	0854
7440-43-9	Cadmium	0.23	J	12/29/2024	0854
7440-70-2	Calcium	43000		12/29/2024	0854
7440-47-3	Chromium	7.1		12/29/2024	0854
7440-48-4	Cobalt	6.3	*	12/29/2024	0854
7440-50-8	Copper	11		12/29/2024	0854
7439-89-6	Iron	13000		12/29/2024	0854
7439-92-1	Lead	8.1	*	12/29/2024	0854
7439-95-4	Magnesium	9600	*	12/29/2024	0854
7439-96-5	Manganese	510		12/29/2024	0854
7440-02-0	Nickel	15		12/29/2024	0854
7440-09-7	Potassium	380	J	12/29/2024	0854
7782-49-2	Selenium	3.7		12/29/2024	0854
7440-22-4	Silver	1.0	U*	12/29/2024	0854
7440-23-5	Sodium	510	U	12/29/2024	0854
7440-28-0	Thallium	2.5	U*	12/29/2024	0854
7440-62-2	Vanadium	11		12/29/2024	0854
7440-66-6	Zinc	27		12/29/2024	0854

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHKG0

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHK33

Matrix: SOIL Lab Sample ID: P5036-11

% Solids: 76.6 Date Received: 11/27/2024

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		12/29/2024	0857
7440-36-0	Antimony	2.5	J	12/29/2024	0857
7440-38-2	Arsenic	14		12/29/2024	0857
7440-39-3	Barium	190		12/29/2024	0857
7440-41-7	Beryllium	1.2		12/29/2024	0857
7440-43-9	Cadmium	1.0		12/29/2024	0857
7440-70-2	Calcium	5500		12/29/2024	0857
7440-47-3	Chromium	14		12/29/2024	0857
7440-48-4	Cobalt	4.4	J*	12/29/2024	0857
7440-50-8	Copper	45		12/29/2024	0857
7439-89-6	Iron	17000		12/29/2024	0857
7439-92-1	Lead	290	*	12/29/2024	0857
7439-95-4	Magnesium	2300	*	12/29/2024	0857
7439-96-5	Manganese	960		12/29/2024	0857
7440-02-0	Nickel	19		12/29/2024	0857
7440-09-7	Potassium	500	J	12/29/2024	0857
7782-49-2	Selenium	9.3		12/29/2024	0857
7440-22-4	Silver	0.23	J*	12/29/2024	0857
7440-23-5	Sodium	520	U	12/29/2024	0857
7440-28-0	Thallium	2.6	U*	12/29/2024	0857
7440-62-2	Vanadium	20		12/29/2024	0857
7440-66-6	Zinc	250		12/29/2024	0857

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHKG1

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHK33

Matrix: SOIL Lab Sample ID: P5036-12

% Solids: 83.4 Date Received: 11/27/2024

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		12/29/2024	0901
7440-36-0	Antimony	1.1	J	12/29/2024	0901
7440-38-2	Arsenic	13		12/29/2024	0901
7440-39-3	Barium	220		12/29/2024	0901
7440-41-7	Beryllium	1.1		12/29/2024	0901
7440-43-9	Cadmium	0.78		12/29/2024	0901
7440-70-2	Calcium	37000		12/29/2024	0901
7440-47-3	Chromium	8.6		12/29/2024	0901
7440-48-4	Cobalt	8.2	*	12/29/2024	0901
7440-50-8	Copper	23		12/29/2024	0901
7439-89-6	Iron	16000		12/29/2024	0901
7439-92-1	Lead	140	*	12/29/2024	0901
7439-95-4	Magnesium	4900	*	12/29/2024	0901
7439-96-5	Manganese	2100		12/29/2024	0901
7440-02-0	Nickel	15		12/29/2024	0901
7440-09-7	Potassium	630		12/29/2024	0901
7782-49-2	Selenium	6.8		12/29/2024	0901
7440-22-4	Silver	0.31	J*	12/29/2024	0901
7440-23-5	Sodium	520		12/29/2024	0901
7440-28-0	Thallium	2.1	U*	12/29/2024	0901
7440-62-2	Vanadium	14		12/29/2024	0901
7440-66-6	Zinc	68		12/29/2024	0901

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

Comments: