

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHK93

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHK93

Matrix: SOIL Lab Sample ID: P5033-01

% Solids: 84.4 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	5500		12/16/2024	0546
7440-36-0	Antimony	1.3	J	12/16/2024	0546
7440-38-2	Arsenic	8.5		12/16/2024	0546
7440-39-3	Barium	120		12/16/2024	0546
7440-41-7	Beryllium	0.49		12/16/2024	0546
7440-43-9	Cadmium	0.89		12/16/2024	0546
7440-70-2	Calcium	49000		12/16/2024	0546
7440-47-3	Chromium	9.7		12/16/2024	0546
7440-48-4	Cobalt	12	*	12/16/2024	0546
7440-50-8	Copper	29		12/16/2024	0546
7439-89-6	Iron	13000		12/16/2024	0546
7439-92-1	Lead	100		12/16/2024	0546
7439-95-4	Magnesium	5800		12/16/2024	0546
7439-96-5	Manganese	970		12/16/2024	0546
7440-02-0	Nickel	15		12/16/2024	0546
7440-09-7	Potassium	520		12/16/2024	0546
7782-49-2	Selenium	3.2	U*	12/16/2024	0546
7440-22-4	Silver	0.93	U*	12/16/2024	0546
7440-23-5	Sodium	460	U	12/16/2024	0546
7440-28-0	Thallium	3.7		12/16/2024	0546
7440-62-2	Vanadium	13		12/16/2024	0546
7440-66-6	Zinc	87	*	12/16/2024	0546

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

Comments:

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MBHK94

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHK93

Matrix: SOIL Lab Sample ID: P5033-02

% Solids: 87.7 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	4100		12/16/2024	0550
7440-36-0	Antimony	0.46	J	12/16/2024	0550
7440-38-2	Arsenic	4.5		12/16/2024	0550
7440-39-3	Barium	70		12/16/2024	0550
7440-41-7	Beryllium	0.37	J	12/16/2024	0550
7440-43-9	Cadmium	0.39	J	12/16/2024	0550
7440-70-2	Calcium	69000		12/16/2024	0550
7440-47-3	Chromium	7.2		12/16/2024	0550
7440-48-4	Cobalt	10	*	12/16/2024	0550
7440-50-8	Copper	14		12/16/2024	0550
7439-89-6	Iron	9800		12/16/2024	0550
7439-92-1	Lead	42		12/16/2024	0550
7439-95-4	Magnesium	9000		12/16/2024	0550
7439-96-5	Manganese	460		12/16/2024	0550
7440-02-0	Nickel	12		12/16/2024	0550
7440-09-7	Potassium	340	J	12/16/2024	0550
7782-49-2	Selenium	3.1	U*	12/16/2024	0550
7440-22-4	Silver	0.87	U*	12/16/2024	0550
7440-23-5	Sodium	440	U	12/16/2024	0550
7440-28-0	Thallium	2.8		12/16/2024	0550
7440-62-2	Vanadium	9.3		12/16/2024	0550
7440-66-6	Zinc	44	*	12/16/2024	0550

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

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MBHK95

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHK93

Matrix: SOIL Lab Sample ID: P5033-03

% Solids: 87.5 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	4500		12/16/2024	0554
7440-36-0	Antimony	0.75	J	12/16/2024	0554
7440-38-2	Arsenic	4.2		12/16/2024	0554
7440-39-3	Barium	72		12/16/2024	0554
7440-41-7	Beryllium	0.38	J	12/16/2024	0554
7440-43-9	Cadmium	0.33	J	12/16/2024	0554
7440-70-2	Calcium	59000		12/16/2024	0554
7440-47-3	Chromium	9.0		12/16/2024	0554
7440-48-4	Cobalt	11	*	12/16/2024	0554
7440-50-8	Copper	14		12/16/2024	0554
7439-89-6	Iron	10000		12/16/2024	0554
7439-92-1	Lead	39		12/16/2024	0554
7439-95-4	Magnesium	9500		12/16/2024	0554
7439-96-5	Manganese	400		12/16/2024	0554
7440-02-0	Nickel	14		12/16/2024	0554
7440-09-7	Potassium	370	J	12/16/2024	0554
7782-49-2	Selenium	2.7	U*	12/16/2024	0554
7440-22-4	Silver	0.78	U*	12/16/2024	0554
7440-23-5	Sodium	390	U	12/16/2024	0554
7440-28-0	Thallium	2.3		12/16/2024	0554
7440-62-2	Vanadium	9.5		12/16/2024	0554
7440-66-6	Zinc	41	*	12/16/2024	0554

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

Comments:

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MBHK96

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHK93

Matrix: SOIL Lab Sample ID: P5033-04

% Solids: 88.7 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	3900		12/16/2024	0558
7440-36-0	Antimony	0.94	J	12/16/2024	0558
7440-38-2	Arsenic	3.6		12/16/2024	0558
7440-39-3	Barium	59		12/16/2024	0558
7440-41-7	Beryllium	0.34	J	12/16/2024	0558
7440-43-9	Cadmium	0.25	J	12/16/2024	0558
7440-70-2	Calcium	81000	D	12/23/2024	1428
7440-47-3	Chromium	6.3		12/16/2024	0558
7440-48-4	Cobalt	12	*	12/16/2024	0558
7440-50-8	Copper	14		12/16/2024	0558
7439-89-6	Iron	10000		12/16/2024	0558
7439-92-1	Lead	13		12/16/2024	0558
7439-95-4	Magnesium	12000		12/16/2024	0558
7439-96-5	Manganese	460		12/16/2024	0558
7440-02-0	Nickel	14		12/16/2024	0558
7440-09-7	Potassium	530		12/16/2024	0558
7782-49-2	Selenium	2.7	U*	12/16/2024	0558
7440-22-4	Silver	0.78	U*	12/16/2024	0558
7440-23-5	Sodium	390	U	12/16/2024	0558
7440-28-0	Thallium	2.4		12/16/2024	0558
7440-62-2	Vanadium	8.4		12/16/2024	0558
7440-66-6	Zinc	32	*	12/16/2024	0558

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

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MBHK97

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHK93

Matrix: SOIL Lab Sample ID: P5033-05

% Solids: 69.2 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	6600		12/16/2024	0602
7440-36-0	Antimony	1.8	J	12/16/2024	0602
7440-38-2	Arsenic	9.4		12/16/2024	0602
7440-39-3	Barium	180		12/16/2024	0602
7440-41-7	Beryllium	0.65		12/16/2024	0602
7440-43-9	Cadmium	0.99		12/16/2024	0602
7440-70-2	Calcium	30000		12/16/2024	0602
7440-47-3	Chromium	15		12/16/2024	0602
7440-48-4	Cobalt	13	*	12/16/2024	0602
7440-50-8	Copper	33		12/16/2024	0602
7439-89-6	Iron	15000		12/16/2024	0602
7439-92-1	Lead	360		12/16/2024	0602
7439-95-4	Magnesium	6100		12/16/2024	0602
7439-96-5	Manganese	960		12/16/2024	0602
7440-02-0	Nickel	22		12/16/2024	0602
7440-09-7	Potassium	990		12/16/2024	0602
7782-49-2	Selenium	4.0	U*	12/16/2024	0602
7440-22-4	Silver	1.2	U*	12/16/2024	0602
7440-23-5	Sodium	570	U	12/16/2024	0602
7440-28-0	Thallium	2.8	J	12/16/2024	0602
7440-62-2	Vanadium	15		12/16/2024	0602
7440-66-6	Zinc	210	*	12/16/2024	0602

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

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MBHK98

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHK93
 Matrix: SOIL Lab Sample ID: P5033-08
 % Solids: 78.5 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	5400		12/16/2024	0631
7440-36-0	Antimony	1.5	J	12/16/2024	0631
7440-38-2	Arsenic	9.5		12/16/2024	0631
7440-39-3	Barium	160		12/16/2024	0631
7440-41-7	Beryllium	0.56		12/16/2024	0631
7440-43-9	Cadmium	0.97		12/16/2024	0631
7440-70-2	Calcium	37000		12/16/2024	0631
7440-47-3	Chromium	15		12/16/2024	0631
7440-48-4	Cobalt	12	*	12/16/2024	0631
7440-50-8	Copper	32		12/16/2024	0631
7439-89-6	Iron	14000		12/16/2024	0631
7439-92-1	Lead	270		12/16/2024	0631
7439-95-4	Magnesium	6200		12/16/2024	0631
7439-96-5	Manganese	930		12/16/2024	0631
7440-02-0	Nickel	23		12/16/2024	0631
7440-09-7	Potassium	680		12/16/2024	0631
7782-49-2	Selenium	3.4	U*	12/16/2024	0631
7440-22-4	Silver	0.97	U*	12/16/2024	0631
7440-23-5	Sodium	480	U	12/16/2024	0631
7440-28-0	Thallium	3.1		12/16/2024	0631
7440-62-2	Vanadium	13		12/16/2024	0631
7440-66-6	Zinc	210	*	12/16/2024	0631

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

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MBHK99

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHK93

Matrix: SOIL Lab Sample ID: P5033-09

% 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	4800		12/16/2024	0635
7440-36-0	Antimony	1.3	J	12/16/2024	0635
7440-38-2	Arsenic	8.5		12/16/2024	0635
7440-39-3	Barium	83		12/16/2024	0635
7440-41-7	Beryllium	0.47		12/16/2024	0635
7440-43-9	Cadmium	0.63		12/16/2024	0635
7440-70-2	Calcium	67000		12/16/2024	0635
7440-47-3	Chromium	9.2		12/16/2024	0635
7440-48-4	Cobalt	13	*	12/16/2024	0635
7440-50-8	Copper	28		12/16/2024	0635
7439-89-6	Iron	12000		12/16/2024	0635
7439-92-1	Lead	110		12/16/2024	0635
7439-95-4	Magnesium	12000		12/16/2024	0635
7439-96-5	Manganese	730		12/16/2024	0635
7440-02-0	Nickel	18		12/16/2024	0635
7440-09-7	Potassium	610		12/16/2024	0635
7782-49-2	Selenium	3.3	U*	12/16/2024	0635
7440-22-4	Silver	0.94	U*	12/16/2024	0635
7440-23-5	Sodium	470	U	12/16/2024	0635
7440-28-0	Thallium	3.5		12/16/2024	0635
7440-62-2	Vanadium	9.9		12/16/2024	0635
7440-66-6	Zinc	97	*	12/16/2024	0635

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

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MBHKA0

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHK93

Matrix: SOIL Lab Sample ID: P5033-10

% Solids: 86.5 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	4700		12/16/2024	0639
7440-36-0	Antimony	1.3	J	12/16/2024	0639
7440-38-2	Arsenic	7.9		12/16/2024	0639
7440-39-3	Barium	110		12/16/2024	0639
7440-41-7	Beryllium	0.47		12/16/2024	0639
7440-43-9	Cadmium	0.64		12/16/2024	0639
7440-70-2	Calcium	61000		12/16/2024	0639
7440-47-3	Chromium	8.7		12/16/2024	0639
7440-48-4	Cobalt	12	*	12/16/2024	0639
7440-50-8	Copper	26		12/16/2024	0639
7439-89-6	Iron	12000		12/16/2024	0639
7439-92-1	Lead	110		12/16/2024	0639
7439-95-4	Magnesium	7700		12/16/2024	0639
7439-96-5	Manganese	910		12/16/2024	0639
7440-02-0	Nickel	17		12/16/2024	0639
7440-09-7	Potassium	830		12/16/2024	0639
7782-49-2	Selenium	2.7	U*	12/16/2024	0639
7440-22-4	Silver	0.78	U*	12/16/2024	0639
7440-23-5	Sodium	390	U	12/16/2024	0639
7440-28-0	Thallium	3.1		12/16/2024	0639
7440-62-2	Vanadium	9.6		12/16/2024	0639
7440-66-6	Zinc	87	*	12/16/2024	0639

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

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MBHKA1

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHK93

Matrix: SOIL Lab Sample ID: P5033-11

% Solids: 88.1 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	4400		12/16/2024	0643
7440-36-0	Antimony	0.96	J	12/16/2024	0643
7440-38-2	Arsenic	7.4		12/16/2024	0643
7440-39-3	Barium	76		12/16/2024	0643
7440-41-7	Beryllium	0.44		12/16/2024	0643
7440-43-9	Cadmium	0.51		12/16/2024	0643
7440-70-2	Calcium	63000		12/16/2024	0643
7440-47-3	Chromium	7.2		12/16/2024	0643
7440-48-4	Cobalt	12	*	12/16/2024	0643
7440-50-8	Copper	25		12/16/2024	0643
7439-89-6	Iron	11000		12/16/2024	0643
7439-92-1	Lead	53		12/16/2024	0643
7439-95-4	Magnesium	11000		12/16/2024	0643
7439-96-5	Manganese	840		12/16/2024	0643
7440-02-0	Nickel	15		12/16/2024	0643
7440-09-7	Potassium	750		12/16/2024	0643
7782-49-2	Selenium	2.9	U*	12/16/2024	0643
7440-22-4	Silver	0.84	U*	12/16/2024	0643
7440-23-5	Sodium	420	U	12/16/2024	0643
7440-28-0	Thallium	3.2		12/16/2024	0643
7440-62-2	Vanadium	9.0		12/16/2024	0643
7440-66-6	Zinc	53	*	12/16/2024	0643

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

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MBHKA2

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHK93

Matrix: SOIL Lab Sample ID: P5033-12

% Solids: 86.8 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	5700		12/16/2024	0647
7440-36-0	Antimony	1.6	J	12/16/2024	0647
7440-38-2	Arsenic	8.9		12/16/2024	0647
7440-39-3	Barium	80		12/16/2024	0647
7440-41-7	Beryllium	0.53		12/16/2024	0647
7440-43-9	Cadmium	0.55		12/16/2024	0647
7440-70-2	Calcium	76000	D	12/23/2024	1432
7440-47-3	Chromium	9.6		12/16/2024	0647
7440-48-4	Cobalt	13	*	12/16/2024	0647
7440-50-8	Copper	730		12/16/2024	0647
7439-89-6	Iron	14000		12/16/2024	0647
7439-92-1	Lead	48		12/16/2024	0647
7439-95-4	Magnesium	11000		12/16/2024	0647
7439-96-5	Manganese	910		12/16/2024	0647
7440-02-0	Nickel	17		12/16/2024	0647
7440-09-7	Potassium	1200		12/16/2024	0647
7782-49-2	Selenium	2.7	U*	12/16/2024	0647
7440-22-4	Silver	0.78	U*	12/16/2024	0647
7440-23-5	Sodium	390	U	12/16/2024	0647
7440-28-0	Thallium	3.2		12/16/2024	0647
7440-62-2	Vanadium	11		12/16/2024	0647
7440-66-6	Zinc	200	*	12/16/2024	0647

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

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MBHKA3

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHK93

Matrix: SOIL Lab Sample ID: P5033-13

% Solids: 87.5 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	3800		12/16/2024	0650
7440-36-0	Antimony	4.8	U	12/16/2024	0650
7440-38-2	Arsenic	3.4		12/16/2024	0650
7440-39-3	Barium	50		12/16/2024	0650
7440-41-7	Beryllium	0.40		12/16/2024	0650
7440-43-9	Cadmium	0.24	J	12/16/2024	0650
7440-70-2	Calcium	94000	D	12/23/2024	1436
7440-47-3	Chromium	6.8		12/16/2024	0650
7440-48-4	Cobalt	9.4	*	12/16/2024	0650
7440-50-8	Copper	20		12/16/2024	0650
7439-89-6	Iron	8800		12/16/2024	0650
7439-92-1	Lead	16		12/16/2024	0650
7439-95-4	Magnesium	7900		12/16/2024	0650
7439-96-5	Manganese	440		12/16/2024	0650
7440-02-0	Nickel	11		12/16/2024	0650
7440-09-7	Potassium	1100		12/16/2024	0650
7782-49-2	Selenium	2.8	U*	12/16/2024	0650
7440-22-4	Silver	0.79	U*	12/16/2024	0650
7440-23-5	Sodium	400	U	12/16/2024	0650
7440-28-0	Thallium	2.9		12/16/2024	0650
7440-62-2	Vanadium	6.1		12/16/2024	0650
7440-66-6	Zinc	34	*	12/16/2024	0650

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHKG8

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHK93

Matrix: SOIL Lab Sample ID: P5033-14

% 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	4500		12/16/2024	0654
7440-36-0	Antimony	1.7	J	12/16/2024	0654
7440-38-2	Arsenic	9.8		12/16/2024	0654
7440-39-3	Barium	78		12/16/2024	0654
7440-41-7	Beryllium	0.43	J	12/16/2024	0654
7440-43-9	Cadmium	0.54		12/16/2024	0654
7440-70-2	Calcium	5900		12/16/2024	0654
7440-47-3	Chromium	12		12/16/2024	0654
7440-48-4	Cobalt	9.6	*	12/16/2024	0654
7440-50-8	Copper	27		12/16/2024	0654
7439-89-6	Iron	11000		12/16/2024	0654
7439-92-1	Lead	220		12/16/2024	0654
7439-95-4	Magnesium	2200		12/16/2024	0654
7439-96-5	Manganese	960		12/16/2024	0654
7440-02-0	Nickel	16		12/16/2024	0654
7440-09-7	Potassium	690		12/16/2024	0654
7782-49-2	Selenium	3.1	U*	12/16/2024	0654
7440-22-4	Silver	0.89	U*	12/16/2024	0654
7440-23-5	Sodium	450	U	12/16/2024	0654
7440-28-0	Thallium	2.0	J	12/16/2024	0654
7440-62-2	Vanadium	10		12/16/2024	0654
7440-66-6	Zinc	76	*	12/16/2024	0654

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHKG9

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHK93

Matrix: SOIL Lab Sample ID: P5033-15

% Solids: 76.5 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	7000		12/16/2024	0658
7440-36-0	Antimony	2.9	J	12/16/2024	0658
7440-38-2	Arsenic	14		12/16/2024	0658
7440-39-3	Barium	92		12/16/2024	0658
7440-41-7	Beryllium	0.69		12/16/2024	0658
7440-43-9	Cadmium	0.79		12/16/2024	0658
7440-70-2	Calcium	9400		12/16/2024	0658
7440-47-3	Chromium	15		12/16/2024	0658
7440-48-4	Cobalt	13	*	12/16/2024	0658
7440-50-8	Copper	38		12/16/2024	0658
7439-89-6	Iron	18000		12/16/2024	0658
7439-92-1	Lead	300		12/16/2024	0658
7439-95-4	Magnesium	3100		12/16/2024	0658
7439-96-5	Manganese	1300		12/16/2024	0658
7440-02-0	Nickel	23		12/16/2024	0658
7440-09-7	Potassium	1100		12/16/2024	0658
7782-49-2	Selenium	3.8	U*	12/16/2024	0658
7440-22-4	Silver	1.1	U*	12/16/2024	0658
7440-23-5	Sodium	550	U	12/16/2024	0658
7440-28-0	Thallium	2.3	J	12/16/2024	0658
7440-62-2	Vanadium	18		12/16/2024	0658
7440-66-6	Zinc	100	*	12/16/2024	0658

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHKKH0

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHK93

Matrix: SOIL Lab Sample ID: P5033-16

% Solids: 81 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	6100		12/16/2024	0702
7440-36-0	Antimony	2.6	J	12/16/2024	0702
7440-38-2	Arsenic	19		12/16/2024	0702
7440-39-3	Barium	99		12/16/2024	0702
7440-41-7	Beryllium	0.65		12/16/2024	0702
7440-43-9	Cadmium	0.84		12/16/2024	0702
7440-70-2	Calcium	8700		12/16/2024	0702
7440-47-3	Chromium	13		12/16/2024	0702
7440-48-4	Cobalt	14	*	12/16/2024	0702
7440-50-8	Copper	88		12/16/2024	0702
7439-89-6	Iron	16000		12/16/2024	0702
7439-92-1	Lead	420		12/16/2024	0702
7439-95-4	Magnesium	2800		12/16/2024	0702
7439-96-5	Manganese	1500		12/16/2024	0702
7440-02-0	Nickel	24		12/16/2024	0702
7440-09-7	Potassium	950		12/16/2024	0702
7782-49-2	Selenium	3.3	U*	12/16/2024	0702
7440-22-4	Silver	0.94	U*	12/16/2024	0702
7440-23-5	Sodium	470	U	12/16/2024	0702
7440-28-0	Thallium	2.9		12/16/2024	0702
7440-62-2	Vanadium	15		12/16/2024	0702
7440-66-6	Zinc	100	*	12/16/2024	0702

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHKKH1

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHK93

Matrix: SOIL Lab Sample ID: P5033-17

% 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	6800		12/16/2024	0706
7440-36-0	Antimony	2.6	J	12/16/2024	0706
7440-38-2	Arsenic	11		12/16/2024	0706
7440-39-3	Barium	92		12/16/2024	0706
7440-41-7	Beryllium	0.56		12/16/2024	0706
7440-43-9	Cadmium	0.63		12/16/2024	0706
7440-70-2	Calcium	5300		12/16/2024	0706
7440-47-3	Chromium	9.0		12/16/2024	0706
7440-48-4	Cobalt	14	*	12/16/2024	0706
7440-50-8	Copper	27		12/16/2024	0706
7439-89-6	Iron	15000		12/16/2024	0706
7439-92-1	Lead	200		12/16/2024	0706
7439-95-4	Magnesium	1600		12/16/2024	0706
7439-96-5	Manganese	1800		12/16/2024	0706
7440-02-0	Nickel	14		12/16/2024	0706
7440-09-7	Potassium	560		12/16/2024	0706
7782-49-2	Selenium	3.1	U*	12/16/2024	0706
7440-22-4	Silver	0.87	U*	12/16/2024	0706
7440-23-5	Sodium	440	U	12/16/2024	0706
7440-28-0	Thallium	2.7		12/16/2024	0706
7440-62-2	Vanadium	12		12/16/2024	0706
7440-66-6	Zinc	48	*	12/16/2024	0706

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHKKH2

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHK93

Matrix: SOIL Lab Sample ID: P5033-18

% Solids: 89.4 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	7100		12/16/2024	0710
7440-36-0	Antimony	3.0	J	12/16/2024	0710
7440-38-2	Arsenic	11		12/16/2024	0710
7440-39-3	Barium	71		12/16/2024	0710
7440-41-7	Beryllium	0.64		12/16/2024	0710
7440-43-9	Cadmium	0.63		12/16/2024	0710
7440-70-2	Calcium	3700		12/16/2024	0710
7440-47-3	Chromium	8.7		12/16/2024	0710
7440-48-4	Cobalt	14	*	12/16/2024	0710
7440-50-8	Copper	19		12/16/2024	0710
7439-89-6	Iron	17000		12/16/2024	0710
7439-92-1	Lead	110		12/16/2024	0710
7439-95-4	Magnesium	1500		12/16/2024	0710
7439-96-5	Manganese	1700		12/16/2024	0710
7440-02-0	Nickel	14		12/16/2024	0710
7440-09-7	Potassium	430	J	12/16/2024	0710
7782-49-2	Selenium	0.81	J*	12/16/2024	0710
7440-22-4	Silver	0.90	U*	12/16/2024	0710
7440-23-5	Sodium	450	U	12/16/2024	0710
7440-28-0	Thallium	2.4		12/16/2024	0710
7440-62-2	Vanadium	13		12/16/2024	0710
7440-66-6	Zinc	40	*	12/16/2024	0710

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

Comments:

FORM 1 - IN
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MBHKH3

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHK93

Matrix: SOIL Lab Sample ID: P5033-19

% Solids: 89.1 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	7200		12/16/2024	0713
7440-36-0	Antimony	3.6	J	12/16/2024	0713
7440-38-2	Arsenic	12		12/16/2024	0713
7440-39-3	Barium	66		12/16/2024	0713
7440-41-7	Beryllium	0.67		12/16/2024	0713
7440-43-9	Cadmium	0.66		12/16/2024	0713
7440-70-2	Calcium	3300		12/16/2024	0713
7440-47-3	Chromium	9.8		12/16/2024	0713
7440-48-4	Cobalt	15	*	12/16/2024	0713
7440-50-8	Copper	23		12/16/2024	0713
7439-89-6	Iron	20000		12/16/2024	0713
7439-92-1	Lead	96		12/16/2024	0713
7439-95-4	Magnesium	1600		12/16/2024	0713
7439-96-5	Manganese	1800		12/16/2024	0713
7440-02-0	Nickel	16		12/16/2024	0713
7440-09-7	Potassium	450		12/16/2024	0713
7782-49-2	Selenium	1.2	J*	12/16/2024	0713
7440-22-4	Silver	0.84	U*	12/16/2024	0713
7440-23-5	Sodium	420	U	12/16/2024	0713
7440-28-0	Thallium	2.2		12/16/2024	0713
7440-62-2	Vanadium	15		12/16/2024	0713
7440-66-6	Zinc	36	*	12/16/2024	0713

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHKP7

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHK93

Matrix: SOIL Lab Sample ID: P5033-20

% Solids: 89.7 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	6900		12/16/2024	0717
7440-36-0	Antimony	3.0	J	12/16/2024	0717
7440-38-2	Arsenic	11		12/16/2024	0717
7440-39-3	Barium	71		12/16/2024	0717
7440-41-7	Beryllium	0.62		12/16/2024	0717
7440-43-9	Cadmium	0.62		12/16/2024	0717
7440-70-2	Calcium	4000		12/16/2024	0717
7440-47-3	Chromium	8.9		12/16/2024	0717
7440-48-4	Cobalt	14	*	12/16/2024	0717
7440-50-8	Copper	20		12/16/2024	0717
7439-89-6	Iron	17000		12/16/2024	0717
7439-92-1	Lead	120		12/16/2024	0717
7439-95-4	Magnesium	1600		12/16/2024	0717
7439-96-5	Manganese	1700		12/16/2024	0717
7440-02-0	Nickel	14		12/16/2024	0717
7440-09-7	Potassium	440		12/16/2024	0717
7782-49-2	Selenium	1.1	J*	12/16/2024	0717
7440-22-4	Silver	0.88	U*	12/16/2024	0717
7440-23-5	Sodium	440	U	12/16/2024	0717
7440-28-0	Thallium	2.5		12/16/2024	0717
7440-62-2	Vanadium	13		12/16/2024	0717
7440-66-6	Zinc	35	*	12/16/2024	0717

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

Comments:

