

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHKB4

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHKB4

Matrix: SOIL Lab Sample ID: P5034-01

% Solids: 86.4 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	7700		12/15/2024	2359
7440-36-0	Antimony	2.7	J*	12/15/2024	2359
7440-38-2	Arsenic	17		12/15/2024	2359
7440-39-3	Barium	150	*	12/15/2024	2359
7440-41-7	Beryllium	0.76		12/15/2024	2359
7440-43-9	Cadmium	0.98		12/15/2024	2359
7440-70-2	Calcium	8800	*	12/15/2024	2359
7440-47-3	Chromium	12	*	12/15/2024	2359
7440-48-4	Cobalt	13	*	12/15/2024	2359
7440-50-8	Copper	32	*	12/15/2024	2359
7439-89-6	Iron	19000	*	12/15/2024	2359
7439-92-1	Lead	140		12/15/2024	2359
7439-95-4	Magnesium	3500	*	12/15/2024	2359
7439-96-5	Manganese	1600		12/15/2024	2359
7440-02-0	Nickel	20		12/15/2024	2359
7440-09-7	Potassium	700		12/15/2024	2359
7782-49-2	Selenium	3.7	U*	12/15/2024	2359
7440-22-4	Silver	1.1	U*	12/15/2024	2359
7440-23-5	Sodium	530	U	12/15/2024	2359
7440-28-0	Thallium	2.5	J	12/15/2024	2359
7440-62-2	Vanadium	17		12/15/2024	2359
7440-66-6	Zinc	98	*	12/15/2024	2359

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

Comments:

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MBHKB5

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHKB4

Matrix: SOIL Lab Sample ID: P5034-02

% Solids: 84.2 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	8400		12/16/2024	0003
7440-36-0	Antimony	3.5	J*	12/16/2024	0003
7440-38-2	Arsenic	15		12/16/2024	0003
7440-39-3	Barium	150	*	12/16/2024	0003
7440-41-7	Beryllium	0.80		12/16/2024	0003
7440-43-9	Cadmium	0.91		12/16/2024	0003
7440-70-2	Calcium	11000	*	12/16/2024	0003
7440-47-3	Chromium	13	*	12/16/2024	0003
7440-48-4	Cobalt	14	*	12/16/2024	0003
7440-50-8	Copper	27	*	12/16/2024	0003
7439-89-6	Iron	22000	*	12/16/2024	0003
7439-92-1	Lead	81		12/16/2024	0003
7439-95-4	Magnesium	3700	*	12/16/2024	0003
7439-96-5	Manganese	1800		12/16/2024	0003
7440-02-0	Nickel	20		12/16/2024	0003
7440-09-7	Potassium	670		12/16/2024	0003
7782-49-2	Selenium	4.0	U*	12/16/2024	0003
7440-22-4	Silver	1.1	U*	12/16/2024	0003
7440-23-5	Sodium	570	U	12/16/2024	0003
7440-28-0	Thallium	3.3		12/16/2024	0003
7440-62-2	Vanadium	17		12/16/2024	0003
7440-66-6	Zinc	72	*	12/16/2024	0003

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

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MBHKB6

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHKB4

Matrix: SOIL Lab Sample ID: P5034-03

% Solids: 84.5 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	8300		12/16/2024	0007
7440-36-0	Antimony	3.2	J*	12/16/2024	0007
7440-38-2	Arsenic	18		12/16/2024	0007
7440-39-3	Barium	200	*	12/16/2024	0007
7440-41-7	Beryllium	0.65		12/16/2024	0007
7440-43-9	Cadmium	1.2		12/16/2024	0007
7440-70-2	Calcium	24000	*	12/16/2024	0007
7440-47-3	Chromium	12	*	12/16/2024	0007
7440-48-4	Cobalt	17	*	12/16/2024	0007
7440-50-8	Copper	28	*	12/16/2024	0007
7439-89-6	Iron	23000	*	12/16/2024	0007
7439-92-1	Lead	64		12/16/2024	0007
7439-95-4	Magnesium	8900	*	12/16/2024	0007
7439-96-5	Manganese	3900	D	12/23/2024	1440
7440-02-0	Nickel	23		12/16/2024	0007
7440-09-7	Potassium	580		12/16/2024	0007
7782-49-2	Selenium	3.7	U*	12/16/2024	0007
7440-22-4	Silver	1.1	U*	12/16/2024	0007
7440-23-5	Sodium	530	U	12/16/2024	0007
7440-28-0	Thallium	6.1		12/16/2024	0007
7440-62-2	Vanadium	15		12/16/2024	0007
7440-66-6	Zinc	69	*	12/16/2024	0007

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

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MBHKB7

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHKB4

Matrix: SOIL Lab Sample ID: P5034-06

% 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	6800		12/16/2024	0022
7440-36-0	Antimony	1.7	J*	12/16/2024	0022
7440-38-2	Arsenic	10		12/16/2024	0022
7440-39-3	Barium	110	*	12/16/2024	0022
7440-41-7	Beryllium	0.59		12/16/2024	0022
7440-43-9	Cadmium	0.58		12/16/2024	0022
7440-70-2	Calcium	41000	*	12/16/2024	0022
7440-47-3	Chromium	10	*	12/16/2024	0022
7440-48-4	Cobalt	12	*	12/16/2024	0022
7440-50-8	Copper	25	*	12/16/2024	0022
7439-89-6	Iron	17000	*	12/16/2024	0022
7439-92-1	Lead	39		12/16/2024	0022
7439-95-4	Magnesium	12000	*	12/16/2024	0022
7439-96-5	Manganese	1500		12/16/2024	0022
7440-02-0	Nickel	18		12/16/2024	0022
7440-09-7	Potassium	780		12/16/2024	0022
7782-49-2	Selenium	3.3	U*	12/16/2024	0022
7440-22-4	Silver	0.94	U*	12/16/2024	0022
7440-23-5	Sodium	470	U	12/16/2024	0022
7440-28-0	Thallium	3.8		12/16/2024	0022
7440-62-2	Vanadium	12		12/16/2024	0022
7440-66-6	Zinc	56	*	12/16/2024	0022

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

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MBHKKH4

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHKB4

Matrix: SOIL Lab Sample ID: P5034-07

% Solids: 75.7 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	6300		12/16/2024	0026
7440-36-0	Antimony	3.0	J*	12/16/2024	0026
7440-38-2	Arsenic	13		12/16/2024	0026
7440-39-3	Barium	140	*	12/16/2024	0026
7440-41-7	Beryllium	0.65		12/16/2024	0026
7440-43-9	Cadmium	0.75		12/16/2024	0026
7440-70-2	Calcium	17000	*	12/16/2024	0026
7440-47-3	Chromium	12	*	12/16/2024	0026
7440-48-4	Cobalt	11	*	12/16/2024	0026
7440-50-8	Copper	50	*	12/16/2024	0026
7439-89-6	Iron	19000	*	12/16/2024	0026
7439-92-1	Lead	200		12/16/2024	0026
7439-95-4	Magnesium	5800	*	12/16/2024	0026
7439-96-5	Manganese	990		12/16/2024	0026
7440-02-0	Nickel	22		12/16/2024	0026
7440-09-7	Potassium	750		12/16/2024	0026
7782-49-2	Selenium	3.6	U*	12/16/2024	0026
7440-22-4	Silver	1.0	U*	12/16/2024	0026
7440-23-5	Sodium	520	U	12/16/2024	0026
7440-28-0	Thallium	2.5	J	12/16/2024	0026
7440-62-2	Vanadium	18		12/16/2024	0026
7440-66-6	Zinc	130	*	12/16/2024	0026

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

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MBHKB5

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHKB4

Matrix: SOIL Lab Sample ID: P5034-08

% Solids: 81.9 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	6100		12/16/2024	0030
7440-36-0	Antimony	3.4	J*	12/16/2024	0030
7440-38-2	Arsenic	15		12/16/2024	0030
7440-39-3	Barium	150	*	12/16/2024	0030
7440-41-7	Beryllium	0.67		12/16/2024	0030
7440-43-9	Cadmium	0.84		12/16/2024	0030
7440-70-2	Calcium	17000	*	12/16/2024	0030
7440-47-3	Chromium	12	*	12/16/2024	0030
7440-48-4	Cobalt	10	*	12/16/2024	0030
7440-50-8	Copper	62	*	12/16/2024	0030
7439-89-6	Iron	19000	*	12/16/2024	0030
7439-92-1	Lead	190		12/16/2024	0030
7439-95-4	Magnesium	5800	*	12/16/2024	0030
7439-96-5	Manganese	1100		12/16/2024	0030
7440-02-0	Nickel	21		12/16/2024	0030
7440-09-7	Potassium	560		12/16/2024	0030
7782-49-2	Selenium	3.3	U*	12/16/2024	0030
7440-22-4	Silver	0.95	U*	12/16/2024	0030
7440-23-5	Sodium	480	U	12/16/2024	0030
7440-28-0	Thallium	2.2	J	12/16/2024	0030
7440-62-2	Vanadium	17		12/16/2024	0030
7440-66-6	Zinc	120	*	12/16/2024	0030

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

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MBHKKH6

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHKB4

Matrix: SOIL Lab Sample ID: P5034-09

% Solids: 81.4 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	6700		12/16/2024	0034
7440-36-0	Antimony	3.0	J*	12/16/2024	0034
7440-38-2	Arsenic	11		12/16/2024	0034
7440-39-3	Barium	220	*	12/16/2024	0034
7440-41-7	Beryllium	0.61		12/16/2024	0034
7440-43-9	Cadmium	0.70		12/16/2024	0034
7440-70-2	Calcium	21000	*	12/16/2024	0034
7440-47-3	Chromium	10	*	12/16/2024	0034
7440-48-4	Cobalt	12	*	12/16/2024	0034
7440-50-8	Copper	42	*	12/16/2024	0034
7439-89-6	Iron	19000	*	12/16/2024	0034
7439-92-1	Lead	130		12/16/2024	0034
7439-95-4	Magnesium	4700	*	12/16/2024	0034
7439-96-5	Manganese	1400		12/16/2024	0034
7440-02-0	Nickel	19		12/16/2024	0034
7440-09-7	Potassium	520		12/16/2024	0034
7782-49-2	Selenium	3.4	U*	12/16/2024	0034
7440-22-4	Silver	0.98	U*	12/16/2024	0034
7440-23-5	Sodium	490	U	12/16/2024	0034
7440-28-0	Thallium	3.3		12/16/2024	0034
7440-62-2	Vanadium	16		12/16/2024	0034
7440-66-6	Zinc	110	*	12/16/2024	0034

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

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MBHKKH7

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHKB4

Matrix: SOIL Lab Sample ID: P5034-10

% Solids: 79.1 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	6600		12/16/2024	0037
7440-36-0	Antimony	1.8	J*	12/16/2024	0037
7440-38-2	Arsenic	8.8		12/16/2024	0037
7440-39-3	Barium	220	*	12/16/2024	0037
7440-41-7	Beryllium	0.60		12/16/2024	0037
7440-43-9	Cadmium	0.67		12/16/2024	0037
7440-70-2	Calcium	24000	*	12/16/2024	0037
7440-47-3	Chromium	9.6	*	12/16/2024	0037
7440-48-4	Cobalt	11	*	12/16/2024	0037
7440-50-8	Copper	40	*	12/16/2024	0037
7439-89-6	Iron	16000	*	12/16/2024	0037
7439-92-1	Lead	100		12/16/2024	0037
7439-95-4	Magnesium	3700	*	12/16/2024	0037
7439-96-5	Manganese	1300		12/16/2024	0037
7440-02-0	Nickel	15		12/16/2024	0037
7440-09-7	Potassium	510	J	12/16/2024	0037
7782-49-2	Selenium	3.9	U*	12/16/2024	0037
7440-22-4	Silver	1.1	U*	12/16/2024	0037
7440-23-5	Sodium	550	U	12/16/2024	0037
7440-28-0	Thallium	3.4		12/16/2024	0037
7440-62-2	Vanadium	15		12/16/2024	0037
7440-66-6	Zinc	91	*	12/16/2024	0037

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

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MBHKKH8

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHKB4

Matrix: SOIL Lab Sample ID: P5034-11

% 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	5300		12/16/2024	0041
7440-36-0	Antimony	2.0	J*	12/16/2024	0041
7440-38-2	Arsenic	11		12/16/2024	0041
7440-39-3	Barium	94	*	12/16/2024	0041
7440-41-7	Beryllium	0.59		12/16/2024	0041
7440-43-9	Cadmium	0.51	J	12/16/2024	0041
7440-70-2	Calcium	15000	*	12/16/2024	0041
7440-47-3	Chromium	8.0	*	12/16/2024	0041
7440-48-4	Cobalt	10	*	12/16/2024	0041
7440-50-8	Copper	33	*	12/16/2024	0041
7439-89-6	Iron	16000	*	12/16/2024	0041
7439-92-1	Lead	31		12/16/2024	0041
7439-95-4	Magnesium	3600	*	12/16/2024	0041
7439-96-5	Manganese	890		12/16/2024	0041
7440-02-0	Nickel	15		12/16/2024	0041
7440-09-7	Potassium	240	J	12/16/2024	0041
7782-49-2	Selenium	3.8	U*	12/16/2024	0041
7440-22-4	Silver	1.1	U*	12/16/2024	0041
7440-23-5	Sodium	540	U	12/16/2024	0041
7440-28-0	Thallium	2.1	J	12/16/2024	0041
7440-62-2	Vanadium	14		12/16/2024	0041
7440-66-6	Zinc	44	*	12/16/2024	0041

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

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MBHKB4

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHKB4

Matrix: SOIL Lab Sample ID: P5034-12

% Solids: 91.5 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	3700		12/16/2024	0045
7440-36-0	Antimony	0.97	J*	12/16/2024	0045
7440-38-2	Arsenic	5.8		12/16/2024	0045
7440-39-3	Barium	82	*	12/16/2024	0045
7440-41-7	Beryllium	0.30	J	12/16/2024	0045
7440-43-9	Cadmium	0.36	J	12/16/2024	0045
7440-70-2	Calcium	55000	*	12/16/2024	0045
7440-47-3	Chromium	7.0	*	12/16/2024	0045
7440-48-4	Cobalt	9.4	*	12/16/2024	0045
7440-50-8	Copper	19	*	12/16/2024	0045
7439-89-6	Iron	12000	*	12/16/2024	0045
7439-92-1	Lead	16		12/16/2024	0045
7439-95-4	Magnesium	16000	*	12/16/2024	0045
7439-96-5	Manganese	1300		12/16/2024	0045
7440-02-0	Nickel	13		12/16/2024	0045
7440-09-7	Potassium	420		12/16/2024	0045
7782-49-2	Selenium	2.9	U*	12/16/2024	0045
7440-22-4	Silver	0.83	U*	12/16/2024	0045
7440-23-5	Sodium	410	U	12/16/2024	0045
7440-28-0	Thallium	3.6		12/16/2024	0045
7440-62-2	Vanadium	11		12/16/2024	0045
7440-66-6	Zinc	26	*	12/16/2024	0045

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

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MBHKJ0

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHKB4

Matrix: SOIL Lab Sample ID: P5034-13

% Solids: 90 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	4300		12/16/2024	0049
7440-36-0	Antimony	1.1	J*	12/16/2024	0049
7440-38-2	Arsenic	3.8		12/16/2024	0049
7440-39-3	Barium	34	*	12/16/2024	0049
7440-41-7	Beryllium	0.39	J	12/16/2024	0049
7440-43-9	Cadmium	0.30	J	12/16/2024	0049
7440-70-2	Calcium	87000	D*	12/23/2024	1456
7440-47-3	Chromium	7.8	*	12/16/2024	0049
7440-48-4	Cobalt	8.5	*	12/16/2024	0049
7440-50-8	Copper	14	*	12/16/2024	0049
7439-89-6	Iron	13000	*	12/16/2024	0049
7439-92-1	Lead	11		12/16/2024	0049
7439-95-4	Magnesium	15000	*	12/16/2024	0049
7439-96-5	Manganese	630		12/16/2024	0049
7440-02-0	Nickel	12		12/16/2024	0049
7440-09-7	Potassium	560		12/16/2024	0049
7782-49-2	Selenium	3.0	U*	12/16/2024	0049
7440-22-4	Silver	0.84	U*	12/16/2024	0049
7440-23-5	Sodium	420	U	12/16/2024	0049
7440-28-0	Thallium	2.6		12/16/2024	0049
7440-62-2	Vanadium	12		12/16/2024	0049
7440-66-6	Zinc	25	*	12/16/2024	0049

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHKP0

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHKB4

Matrix: SOIL Lab Sample ID: P5034-14

% Solids: 78.2 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	9200		12/16/2024	0053
7440-36-0	Antimony	3.4	J*	12/16/2024	0053
7440-38-2	Arsenic	12		12/16/2024	0053
7440-39-3	Barium	200	*	12/16/2024	0053
7440-41-7	Beryllium	0.85		12/16/2024	0053
7440-43-9	Cadmium	0.98		12/16/2024	0053
7440-70-2	Calcium	9400	*	12/16/2024	0053
7440-47-3	Chromium	19	*	12/16/2024	0053
7440-48-4	Cobalt	12	*	12/16/2024	0053
7440-50-8	Copper	45	*	12/16/2024	0053
7439-89-6	Iron	19000	*	12/16/2024	0053
7439-92-1	Lead	210		12/16/2024	0053
7439-95-4	Magnesium	2800	*	12/16/2024	0053
7439-96-5	Manganese	870		12/16/2024	0053
7440-02-0	Nickel	26		12/16/2024	0053
7440-09-7	Potassium	910		12/16/2024	0053
7782-49-2	Selenium	3.4	U*	12/16/2024	0053
7440-22-4	Silver	0.96	U*	12/16/2024	0053
7440-23-5	Sodium	480	U	12/16/2024	0053
7440-28-0	Thallium	1.5	J	12/16/2024	0053
7440-62-2	Vanadium	24		12/16/2024	0053
7440-66-6	Zinc	200	*	12/16/2024	0053

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHKP1

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHKB4

Matrix: SOIL Lab Sample ID: P5034-15

% Solids: 82.3 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	8400		12/16/2024	0057
7440-36-0	Antimony	2.9	J*	12/16/2024	0057
7440-38-2	Arsenic	12		12/16/2024	0057
7440-39-3	Barium	180	*	12/16/2024	0057
7440-41-7	Beryllium	0.82		12/16/2024	0057
7440-43-9	Cadmium	0.88		12/16/2024	0057
7440-70-2	Calcium	7500	*	12/16/2024	0057
7440-47-3	Chromium	18	*	12/16/2024	0057
7440-48-4	Cobalt	11	*	12/16/2024	0057
7440-50-8	Copper	48	*	12/16/2024	0057
7439-89-6	Iron	18000	*	12/16/2024	0057
7439-92-1	Lead	200		12/16/2024	0057
7439-95-4	Magnesium	2600	*	12/16/2024	0057
7439-96-5	Manganese	750		12/16/2024	0057
7440-02-0	Nickel	23		12/16/2024	0057
7440-09-7	Potassium	660		12/16/2024	0057
7782-49-2	Selenium	3.8	U*	12/16/2024	0057
7440-22-4	Silver	1.1	U*	12/16/2024	0057
7440-23-5	Sodium	550	U	12/16/2024	0057
7440-28-0	Thallium	0.94	J	12/16/2024	0057
7440-62-2	Vanadium	22		12/16/2024	0057
7440-66-6	Zinc	200	*	12/16/2024	0057

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHKP2

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHKB4

Matrix: SOIL Lab Sample ID: P5034-16

% Solids: 85.2 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	9100		12/16/2024	0117
7440-36-0	Antimony	3.4	J*	12/16/2024	0117
7440-38-2	Arsenic	14		12/16/2024	0117
7440-39-3	Barium	200	*	12/16/2024	0117
7440-41-7	Beryllium	0.86		12/16/2024	0117
7440-43-9	Cadmium	0.95		12/16/2024	0117
7440-70-2	Calcium	7600	*	12/16/2024	0117
7440-47-3	Chromium	18	*	12/16/2024	0117
7440-48-4	Cobalt	12	*	12/16/2024	0117
7440-50-8	Copper	44	*	12/16/2024	0117
7439-89-6	Iron	20000	*	12/16/2024	0117
7439-92-1	Lead	160		12/16/2024	0117
7439-95-4	Magnesium	2700	*	12/16/2024	0117
7439-96-5	Manganese	910		12/16/2024	0117
7440-02-0	Nickel	24		12/16/2024	0117
7440-09-7	Potassium	630		12/16/2024	0117
7782-49-2	Selenium	0.90	J*	12/16/2024	0117
7440-22-4	Silver	0.94	U*	12/16/2024	0117
7440-23-5	Sodium	470	U	12/16/2024	0117
7440-28-0	Thallium	1.4	J	12/16/2024	0117
7440-62-2	Vanadium	24		12/16/2024	0117
7440-66-6	Zinc	160	*	12/16/2024	0117

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHKP3

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHKB4

Matrix: SOIL Lab Sample ID: P5034-17

% Solids: 82.7 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	10000		12/16/2024	0121
7440-36-0	Antimony	3.0	J*	12/16/2024	0121
7440-38-2	Arsenic	12		12/16/2024	0121
7440-39-3	Barium	180	*	12/16/2024	0121
7440-41-7	Beryllium	0.88		12/16/2024	0121
7440-43-9	Cadmium	0.86		12/16/2024	0121
7440-70-2	Calcium	9700	*	12/16/2024	0121
7440-47-3	Chromium	21	*	12/16/2024	0121
7440-48-4	Cobalt	12	*	12/16/2024	0121
7440-50-8	Copper	25	*	12/16/2024	0121
7439-89-6	Iron	19000	*	12/16/2024	0121
7439-92-1	Lead	75		12/16/2024	0121
7439-95-4	Magnesium	3100	*	12/16/2024	0121
7439-96-5	Manganese	900		12/16/2024	0121
7440-02-0	Nickel	21		12/16/2024	0121
7440-09-7	Potassium	590		12/16/2024	0121
7782-49-2	Selenium	3.5	U*	12/16/2024	0121
7440-22-4	Silver	0.99	U*	12/16/2024	0121
7440-23-5	Sodium	500	U	12/16/2024	0121
7440-28-0	Thallium	1.9	J	12/16/2024	0121
7440-62-2	Vanadium	22		12/16/2024	0121
7440-66-6	Zinc	95	*	12/16/2024	0121

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHKP4

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHKB4

Matrix: SOIL Lab Sample ID: P5034-18

% Solids: 85 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	8500		12/16/2024	0125
7440-36-0	Antimony	2.7	J*	12/16/2024	0125
7440-38-2	Arsenic	7.8		12/16/2024	0125
7440-39-3	Barium	140	*	12/16/2024	0125
7440-41-7	Beryllium	0.74		12/16/2024	0125
7440-43-9	Cadmium	0.65		12/16/2024	0125
7440-70-2	Calcium	17000	*	12/16/2024	0125
7440-47-3	Chromium	19	*	12/16/2024	0125
7440-48-4	Cobalt	11	*	12/16/2024	0125
7440-50-8	Copper	19	*	12/16/2024	0125
7439-89-6	Iron	18000	*	12/16/2024	0125
7439-92-1	Lead	39		12/16/2024	0125
7439-95-4	Magnesium	4100	*	12/16/2024	0125
7439-96-5	Manganese	810		12/16/2024	0125
7440-02-0	Nickel	21		12/16/2024	0125
7440-09-7	Potassium	420	J	12/16/2024	0125
7782-49-2	Selenium	3.6	U*	12/16/2024	0125
7440-22-4	Silver	1.0	U*	12/16/2024	0125
7440-23-5	Sodium	510	U	12/16/2024	0125
7440-28-0	Thallium	2.3	J	12/16/2024	0125
7440-62-2	Vanadium	18		12/16/2024	0125
7440-66-6	Zinc	63	*	12/16/2024	0125

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHKP5

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHKB4

Matrix: SOIL Lab Sample ID: P5034-19

% 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	6800		12/16/2024	0129
7440-36-0	Antimony	1.7	J*	12/16/2024	0129
7440-38-2	Arsenic	5.1		12/16/2024	0129
7440-39-3	Barium	94	*	12/16/2024	0129
7440-41-7	Beryllium	0.48	J	12/16/2024	0129
7440-43-9	Cadmium	0.35	J	12/16/2024	0129
7440-70-2	Calcium	35000	*	12/16/2024	0129
7440-47-3	Chromium	11	*	12/16/2024	0129
7440-48-4	Cobalt	12	*	12/16/2024	0129
7440-50-8	Copper	13	*	12/16/2024	0129
7439-89-6	Iron	16000	*	12/16/2024	0129
7439-92-1	Lead	17		12/16/2024	0129
7439-95-4	Magnesium	8100	*	12/16/2024	0129
7439-96-5	Manganese	1100		12/16/2024	0129
7440-02-0	Nickel	22		12/16/2024	0129
7440-09-7	Potassium	410	J	12/16/2024	0129
7782-49-2	Selenium	3.6	U*	12/16/2024	0129
7440-22-4	Silver	1.0	U*	12/16/2024	0129
7440-23-5	Sodium	510	U	12/16/2024	0129
7440-28-0	Thallium	3.1		12/16/2024	0129
7440-62-2	Vanadium	14		12/16/2024	0129
7440-66-6	Zinc	32	*	12/16/2024	0129

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHKP6

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHKB4

Matrix: SOIL Lab Sample ID: P5034-20

% Solids: 92.1 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	7100		12/16/2024	0133
7440-36-0	Antimony	2.0	J*	12/16/2024	0133
7440-38-2	Arsenic	4.9		12/16/2024	0133
7440-39-3	Barium	120	*	12/16/2024	0133
7440-41-7	Beryllium	0.47		12/16/2024	0133
7440-43-9	Cadmium	0.37	J	12/16/2024	0133
7440-70-2	Calcium	33000	*	12/16/2024	0133
7440-47-3	Chromium	11	*	12/16/2024	0133
7440-48-4	Cobalt	12	*	12/16/2024	0133
7440-50-8	Copper	16	*	12/16/2024	0133
7439-89-6	Iron	16000	*	12/16/2024	0133
7439-92-1	Lead	13		12/16/2024	0133
7439-95-4	Magnesium	8200	*	12/16/2024	0133
7439-96-5	Manganese	1200		12/16/2024	0133
7440-02-0	Nickel	23		12/16/2024	0133
7440-09-7	Potassium	500		12/16/2024	0133
7782-49-2	Selenium	3.2	U*	12/16/2024	0133
7440-22-4	Silver	0.92	U*	12/16/2024	0133
7440-23-5	Sodium	460	U	12/16/2024	0133
7440-28-0	Thallium	3.0		12/16/2024	0133
7440-62-2	Vanadium	14		12/16/2024	0133
7440-66-6	Zinc	31	*	12/16/2024	0133

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHKP8

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHKB4

Matrix: SOIL Lab Sample ID: P5034-21

% Solids: 90.3 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	7200		12/16/2024	0136
7440-36-0	Antimony	2.3	J*	12/16/2024	0136
7440-38-2	Arsenic	4.9		12/16/2024	0136
7440-39-3	Barium	120	*	12/16/2024	0136
7440-41-7	Beryllium	0.48		12/16/2024	0136
7440-43-9	Cadmium	0.37	J	12/16/2024	0136
7440-70-2	Calcium	34000	*	12/16/2024	0136
7440-47-3	Chromium	11	*	12/16/2024	0136
7440-48-4	Cobalt	12	*	12/16/2024	0136
7440-50-8	Copper	16	*	12/16/2024	0136
7439-89-6	Iron	17000	*	12/16/2024	0136
7439-92-1	Lead	13		12/16/2024	0136
7439-95-4	Magnesium	8400	*	12/16/2024	0136
7439-96-5	Manganese	1200		12/16/2024	0136
7440-02-0	Nickel	23		12/16/2024	0136
7440-09-7	Potassium	520		12/16/2024	0136
7782-49-2	Selenium	3.3	U*	12/16/2024	0136
7440-22-4	Silver	0.96	U*	12/16/2024	0136
7440-23-5	Sodium	480	U	12/16/2024	0136
7440-28-0	Thallium	3.3		12/16/2024	0136
7440-62-2	Vanadium	15		12/16/2024	0136
7440-66-6	Zinc	31	*	12/16/2024	0136

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHKP9

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHKB4

Matrix: SOIL Lab Sample ID: P5034-22

% Solids: 88.8 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	5000		12/16/2024	0140
7440-36-0	Antimony	1.7	J*	12/16/2024	0140
7440-38-2	Arsenic	4.7		12/16/2024	0140
7440-39-3	Barium	110	*	12/16/2024	0140
7440-41-7	Beryllium	0.43	J	12/16/2024	0140
7440-43-9	Cadmium	0.54		12/16/2024	0140
7440-70-2	Calcium	70000	*	12/16/2024	0140
7440-47-3	Chromium	9.5	*	12/16/2024	0140
7440-48-4	Cobalt	11	*	12/16/2024	0140
7440-50-8	Copper	15	*	12/16/2024	0140
7439-89-6	Iron	16000	*	12/16/2024	0140
7439-92-1	Lead	15		12/16/2024	0140
7439-95-4	Magnesium	12000	*	12/16/2024	0140
7439-96-5	Manganese	1300		12/16/2024	0140
7440-02-0	Nickel	17		12/16/2024	0140
7440-09-7	Potassium	730		12/16/2024	0140
7782-49-2	Selenium	3.3	U*	12/16/2024	0140
7440-22-4	Silver	0.94	U*	12/16/2024	0140
7440-23-5	Sodium	470	U	12/16/2024	0140
7440-28-0	Thallium	3.8		12/16/2024	0140
7440-62-2	Vanadium	13		12/16/2024	0140
7440-66-6	Zinc	34	*	12/16/2024	0140

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

Comments: