

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHKS4

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHKS4

Matrix: SOIL Lab Sample ID: P5055-01

% Solids: 77.2 Date Received: 12/03/2024

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		12/17/2024	2334
7440-36-0	Antimony	2.2	J*	12/17/2024	2334
7440-38-2	Arsenic	7.4		12/17/2024	2334
7440-39-3	Barium	110		12/17/2024	2334
7440-41-7	Beryllium	0.72		12/17/2024	2334
7440-43-9	Cadmium	0.66		12/17/2024	2334
7440-70-2	Calcium	12000		12/17/2024	2334
7440-47-3	Chromium	11	*	12/17/2024	2334
7440-48-4	Cobalt	9.1	*	12/17/2024	2334
7440-50-8	Copper	25		12/17/2024	2334
7439-89-6	Iron	14000	*	12/17/2024	2334
7439-92-1	Lead	110		12/17/2024	2334
7439-95-4	Magnesium	3700		12/17/2024	2334
7439-96-5	Manganese	390	*	12/17/2024	2334
7440-02-0	Nickel	16		12/17/2024	2334
7440-09-7	Potassium	890		12/17/2024	2334
7782-49-2	Selenium	4.6	*	12/17/2024	2334
7440-22-4	Silver	0.41	J*	12/17/2024	2334
7440-23-5	Sodium	450	U	12/17/2024	2334
7440-28-0	Thallium	2.2	U*	12/17/2024	2334
7440-62-2	Vanadium	16		12/17/2024	2334
7440-66-6	Zinc	160	*	12/17/2024	2334

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

Comments:

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MBHKS5

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHKS4

Matrix: SOIL Lab Sample ID: P5055-02

% Solids: 78.5 Date Received: 12/03/2024

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	5800		12/17/2024	2345
7440-36-0	Antimony	2.4	J*	12/17/2024	2345
7440-38-2	Arsenic	7.9		12/17/2024	2345
7440-39-3	Barium	110		12/17/2024	2345
7440-41-7	Beryllium	0.79		12/17/2024	2345
7440-43-9	Cadmium	0.97		12/17/2024	2345
7440-70-2	Calcium	24000		12/17/2024	2345
7440-47-3	Chromium	12	*	12/17/2024	2345
7440-48-4	Cobalt	10	*	12/17/2024	2345
7440-50-8	Copper	29		12/17/2024	2345
7439-89-6	Iron	15000	*	12/17/2024	2345
7439-92-1	Lead	120		12/17/2024	2345
7439-95-4	Magnesium	3300		12/17/2024	2345
7439-96-5	Manganese	420	*	12/17/2024	2345
7440-02-0	Nickel	17		12/17/2024	2345
7440-09-7	Potassium	850		12/17/2024	2345
7782-49-2	Selenium	4.4	*	12/17/2024	2345
7440-22-4	Silver	0.39	J*	12/17/2024	2345
7440-23-5	Sodium	520	U	12/17/2024	2345
7440-28-0	Thallium	2.6	U*	12/17/2024	2345
7440-62-2	Vanadium	17		12/17/2024	2345
7440-66-6	Zinc	180	*	12/17/2024	2345

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

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MBHKS6

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHKS4

Matrix: SOIL Lab Sample ID: P5055-03

% Solids: 83 Date Received: 12/03/2024

Analytical Method: ICP_AES

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	5900		12/17/2024	2349
7440-36-0	Antimony	2.4	J*	12/17/2024	2349
7440-38-2	Arsenic	8.0		12/17/2024	2349
7440-39-3	Barium	110		12/17/2024	2349
7440-41-7	Beryllium	0.74		12/17/2024	2349
7440-43-9	Cadmium	0.71		12/17/2024	2349
7440-70-2	Calcium	10000		12/17/2024	2349
7440-47-3	Chromium	10	*	12/17/2024	2349
7440-48-4	Cobalt	9.3	*	12/17/2024	2349
7440-50-8	Copper	24		12/17/2024	2349
7439-89-6	Iron	14000	*	12/17/2024	2349
7439-92-1	Lead	100		12/17/2024	2349
7439-95-4	Magnesium	3500		12/17/2024	2349
7439-96-5	Manganese	380	*	12/17/2024	2349
7440-02-0	Nickel	15		12/17/2024	2349
7440-09-7	Potassium	670		12/17/2024	2349
7782-49-2	Selenium	4.9	*	12/17/2024	2349
7440-22-4	Silver	0.39	J*	12/17/2024	2349
7440-23-5	Sodium	490	U	12/17/2024	2349
7440-28-0	Thallium	2.5	U*	12/17/2024	2349
7440-62-2	Vanadium	16		12/17/2024	2349
7440-66-6	Zinc	150	*	12/17/2024	2349

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

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MBHKS7

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHKS4

Matrix: SOIL Lab Sample ID: P5055-04

% Solids: 89 Date Received: 12/03/2024

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		12/17/2024	2353
7440-36-0	Antimony	1.8	J*	12/17/2024	2353
7440-38-2	Arsenic	6.1		12/17/2024	2353
7440-39-3	Barium	69		12/17/2024	2353
7440-41-7	Beryllium	0.58		12/17/2024	2353
7440-43-9	Cadmium	0.35	J	12/17/2024	2353
7440-70-2	Calcium	6500		12/17/2024	2353
7440-47-3	Chromium	8.3	*	12/17/2024	2353
7440-48-4	Cobalt	7.1	*	12/17/2024	2353
7440-50-8	Copper	14		12/17/2024	2353
7439-89-6	Iron	12000	*	12/17/2024	2353
7439-92-1	Lead	40		12/17/2024	2353
7439-95-4	Magnesium	2700		12/17/2024	2353
7439-96-5	Manganese	250	*	12/17/2024	2353
7440-02-0	Nickel	10		12/17/2024	2353
7440-09-7	Potassium	290	J	12/17/2024	2353
7782-49-2	Selenium	4.1	*	12/17/2024	2353
7440-22-4	Silver	0.30	J*	12/17/2024	2353
7440-23-5	Sodium	420	U	12/17/2024	2353
7440-28-0	Thallium	2.1	U*	12/17/2024	2353
7440-62-2	Vanadium	14		12/17/2024	2353
7440-66-6	Zinc	61	*	12/17/2024	2353

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

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MBHKS8

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHKS4

Matrix: SOIL Lab Sample ID: P5055-05

% Solids: 91.2 Date Received: 12/03/2024

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		12/17/2024	2357
7440-36-0	Antimony	2.8	J*	12/17/2024	2357
7440-38-2	Arsenic	6.4		12/17/2024	2357
7440-39-3	Barium	64		12/17/2024	2357
7440-41-7	Beryllium	0.63		12/17/2024	2357
7440-43-9	Cadmium	0.37	J	12/17/2024	2357
7440-70-2	Calcium	19000		12/17/2024	2357
7440-47-3	Chromium	7.2	*	12/17/2024	2357
7440-48-4	Cobalt	9.3	*	12/17/2024	2357
7440-50-8	Copper	15		12/17/2024	2357
7439-89-6	Iron	18000	*	12/17/2024	2357
7439-92-1	Lead	12		12/17/2024	2357
7439-95-4	Magnesium	6800		12/17/2024	2357
7439-96-5	Manganese	630	*	12/17/2024	2357
7440-02-0	Nickel	13		12/17/2024	2357
7440-09-7	Potassium	240	J	12/17/2024	2357
7782-49-2	Selenium	5.8	*	12/17/2024	2357
7440-22-4	Silver	0.42	J*	12/17/2024	2357
7440-23-5	Sodium	390	U	12/17/2024	2357
7440-28-0	Thallium	2.0	U*	12/17/2024	2357
7440-62-2	Vanadium	15		12/17/2024	2357
7440-66-6	Zinc	26	*	12/17/2024	2357

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

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MBHKS9

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHKS4

Matrix: SOIL Lab Sample ID: P5055-06

% Solids: 90 Date Received: 12/03/2024

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		12/18/2024	0001
7440-36-0	Antimony	1.8	J*	12/18/2024	0001
7440-38-2	Arsenic	5.7		12/18/2024	0001
7440-39-3	Barium	45		12/18/2024	0001
7440-41-7	Beryllium	0.60		12/18/2024	0001
7440-43-9	Cadmium	0.34	J	12/18/2024	0001
7440-70-2	Calcium	61000		12/18/2024	0001
7440-47-3	Chromium	6.3	*	12/18/2024	0001
7440-48-4	Cobalt	9.1	*	12/18/2024	0001
7440-50-8	Copper	19		12/18/2024	0001
7439-89-6	Iron	15000	*	12/18/2024	0001
7439-92-1	Lead	16		12/18/2024	0001
7439-95-4	Magnesium	15000		12/18/2024	0001
7439-96-5	Manganese	380	*	12/18/2024	0001
7440-02-0	Nickel	12		12/18/2024	0001
7440-09-7	Potassium	260	J	12/18/2024	0001
7782-49-2	Selenium	3.4	*	12/18/2024	0001
7440-22-4	Silver	0.35	J*	12/18/2024	0001
7440-23-5	Sodium	380	U	12/18/2024	0001
7440-28-0	Thallium	1.9	U*	12/18/2024	0001
7440-62-2	Vanadium	14		12/18/2024	0001
7440-66-6	Zinc	35	*	12/18/2024	0001

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

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MBHKT0

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHKS4

Matrix: SOIL Lab Sample ID: P5055-07

% Solids: 90 Date Received: 12/03/2024

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	3600		12/18/2024	0004
7440-36-0	Antimony	1.5	J*	12/18/2024	0004
7440-38-2	Arsenic	5.5		12/18/2024	0004
7440-39-3	Barium	31		12/18/2024	0004
7440-41-7	Beryllium	0.53		12/18/2024	0004
7440-43-9	Cadmium	0.29	J	12/18/2024	0004
7440-70-2	Calcium	89000	D	01/03/2025	2240
7440-47-3	Chromium	6.3	*	12/18/2024	0004
7440-48-4	Cobalt	9.4	*	12/18/2024	0004
7440-50-8	Copper	19		12/18/2024	0004
7439-89-6	Iron	14000	*	12/18/2024	0004
7439-92-1	Lead	12		12/18/2024	0004
7439-95-4	Magnesium	17000		12/18/2024	0004
7439-96-5	Manganese	570	*	12/18/2024	0004
7440-02-0	Nickel	11		12/18/2024	0004
7440-09-7	Potassium	290	J	12/18/2024	0004
7782-49-2	Selenium	2.7	J*	12/18/2024	0004
7440-22-4	Silver	0.20	J*	12/18/2024	0004
7440-23-5	Sodium	410	U	12/18/2024	0004
7440-28-0	Thallium	2.0	U*	12/18/2024	0004
7440-62-2	Vanadium	14		12/18/2024	0004
7440-66-6	Zinc	49	*	12/18/2024	0004

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

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MBHKT1

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHKS4

Matrix: SOIL Lab Sample ID: P5055-08

% Solids: 83.8 Date Received: 12/03/2024

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		12/18/2024	0008
7440-36-0	Antimony	0.44	J*	12/18/2024	0008
7440-38-2	Arsenic	4.5		12/18/2024	0008
7440-39-3	Barium	42		12/18/2024	0008
7440-41-7	Beryllium	0.36	J	12/18/2024	0008
7440-43-9	Cadmium	0.46		12/18/2024	0008
7440-70-2	Calcium	120000	D	01/03/2025	2243
7440-47-3	Chromium	5.9	*	12/18/2024	0008
7440-48-4	Cobalt	8.9	*	12/18/2024	0008
7440-50-8	Copper	11		12/18/2024	0008
7439-89-6	Iron	9100	*	12/18/2024	0008
7439-92-1	Lead	53		12/18/2024	0008
7439-95-4	Magnesium	64000		12/18/2024	0008
7439-96-5	Manganese	600	*	12/18/2024	0008
7440-02-0	Nickel	9.0		12/18/2024	0008
7440-09-7	Potassium	540		12/18/2024	0008
7782-49-2	Selenium	3.0	U*	12/18/2024	0008
7440-22-4	Silver	0.28	J*	12/18/2024	0008
7440-23-5	Sodium	430	U	12/18/2024	0008
7440-28-0	Thallium	1.7	J*	12/18/2024	0008
7440-62-2	Vanadium	7.2		12/18/2024	0008
7440-66-6	Zinc	91	*	12/18/2024	0008

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

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MBHKT2

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHKS4

Matrix: SOIL Lab Sample ID: P5055-09

% Solids: 89.5 Date Received: 12/03/2024

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	2300		12/18/2024	0012
7440-36-0	Antimony	5.9	U*	12/18/2024	0012
7440-38-2	Arsenic	5.6		12/18/2024	0012
7440-39-3	Barium	34		12/18/2024	0012
7440-41-7	Beryllium	0.37	J	12/18/2024	0012
7440-43-9	Cadmium	0.34	J	12/18/2024	0012
7440-70-2	Calcium	140000	D	01/03/2025	2247
7440-47-3	Chromium	5.0	*	12/18/2024	0012
7440-48-4	Cobalt	9.2	*	12/18/2024	0012
7440-50-8	Copper	11		12/18/2024	0012
7439-89-6	Iron	10000	*	12/18/2024	0012
7439-92-1	Lead	49		12/18/2024	0012
7439-95-4	Magnesium	71000		12/18/2024	0012
7439-96-5	Manganese	620	*	12/18/2024	0012
7440-02-0	Nickel	8.8		12/18/2024	0012
7440-09-7	Potassium	460	J	12/18/2024	0012
7782-49-2	Selenium	3.5	U*	12/18/2024	0012
7440-22-4	Silver	0.30	J*	12/18/2024	0012
7440-23-5	Sodium	490	U	12/18/2024	0012
7440-28-0	Thallium	1.9	J*	12/18/2024	0012
7440-62-2	Vanadium	7.4		12/18/2024	0012
7440-66-6	Zinc	80	*	12/18/2024	0012

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

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MBHKT3

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHKS4

Matrix: SOIL Lab Sample ID: P5055-10

% Solids: 80.7 Date Received: 12/03/2024

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		12/18/2024	0016
7440-36-0	Antimony	2.5	J*	12/18/2024	0016
7440-38-2	Arsenic	13		12/18/2024	0016
7440-39-3	Barium	140		12/18/2024	0016
7440-41-7	Beryllium	0.76		12/18/2024	0016
7440-43-9	Cadmium	0.61		12/18/2024	0016
7440-70-2	Calcium	12000		12/18/2024	0016
7440-47-3	Chromium	11	*	12/18/2024	0016
7440-48-4	Cobalt	12	*	12/18/2024	0016
7440-50-8	Copper	20		12/18/2024	0016
7439-89-6	Iron	16000	*	12/18/2024	0016
7439-92-1	Lead	97		12/18/2024	0016
7439-95-4	Magnesium	4500		12/18/2024	0016
7439-96-5	Manganese	990	*	12/18/2024	0016
7440-02-0	Nickel	15		12/18/2024	0016
7440-09-7	Potassium	750		12/18/2024	0016
7782-49-2	Selenium	5.5	*	12/18/2024	0016
7440-22-4	Silver	0.61	J*	12/18/2024	0016
7440-23-5	Sodium	510	U	12/18/2024	0016
7440-28-0	Thallium	2.6	U*	12/18/2024	0016
7440-62-2	Vanadium	18		12/18/2024	0016
7440-66-6	Zinc	90	*	12/18/2024	0016

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

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MBHKT4

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHKS4

Matrix: SOIL Lab Sample ID: P5055-13

% Solids: 89.5 Date Received: 12/03/2024

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	3300		12/18/2024	0031
7440-36-0	Antimony	0.63	J*	12/18/2024	0031
7440-38-2	Arsenic	5.8		12/18/2024	0031
7440-39-3	Barium	63		12/18/2024	0031
7440-41-7	Beryllium	0.42	J	12/18/2024	0031
7440-43-9	Cadmium	0.32	J	12/18/2024	0031
7440-70-2	Calcium	60000		12/18/2024	0031
7440-47-3	Chromium	6.0	*	12/18/2024	0031
7440-48-4	Cobalt	9.2	*	12/18/2024	0031
7440-50-8	Copper	7.6		12/18/2024	0031
7439-89-6	Iron	10000	*	12/18/2024	0031
7439-92-1	Lead	28		12/18/2024	0031
7439-95-4	Magnesium	19000		12/18/2024	0031
7439-96-5	Manganese	700	*	12/18/2024	0031
7440-02-0	Nickel	8.9		12/18/2024	0031
7440-09-7	Potassium	260	J	12/18/2024	0031
7782-49-2	Selenium	1.5	J*	12/18/2024	0031
7440-22-4	Silver	0.35	J*	12/18/2024	0031
7440-23-5	Sodium	440	U	12/18/2024	0031
7440-28-0	Thallium	1.5	J*	12/18/2024	0031
7440-62-2	Vanadium	11		12/18/2024	0031
7440-66-6	Zinc	34	*	12/18/2024	0031

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHKT5

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHKS4

Matrix: SOIL Lab Sample ID: P5055-14

% Solids: 90.7 Date Received: 12/03/2024

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	3600		12/18/2024	0035
7440-36-0	Antimony	1.2	J*	12/18/2024	0035
7440-38-2	Arsenic	4.1		12/18/2024	0035
7440-39-3	Barium	42		12/18/2024	0035
7440-41-7	Beryllium	0.48		12/18/2024	0035
7440-43-9	Cadmium	0.30	J	12/18/2024	0035
7440-70-2	Calcium	91000	D	01/03/2025	2251
7440-47-3	Chromium	6.5	*	12/18/2024	0035
7440-48-4	Cobalt	10	*	12/18/2024	0035
7440-50-8	Copper	13		12/18/2024	0035
7439-89-6	Iron	13000	*	12/18/2024	0035
7439-92-1	Lead	19		12/18/2024	0035
7439-95-4	Magnesium	17000		12/18/2024	0035
7439-96-5	Manganese	670	*	12/18/2024	0035
7440-02-0	Nickel	12		12/18/2024	0035
7440-09-7	Potassium	540		12/18/2024	0035
7782-49-2	Selenium	2.3	J*	12/18/2024	0035
7440-22-4	Silver	0.31	J*	12/18/2024	0035
7440-23-5	Sodium	410	U	12/18/2024	0035
7440-28-0	Thallium	2.0	U*	12/18/2024	0035
7440-62-2	Vanadium	15		12/18/2024	0035
7440-66-6	Zinc	53	*	12/18/2024	0035

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHKT6

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHKS4

Matrix: SOIL Lab Sample ID: P5055-15

% Solids: 87.1 Date Received: 12/03/2024

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	3000		12/18/2024	0039
7440-36-0	Antimony	0.68	J*	12/18/2024	0039
7440-38-2	Arsenic	6.1		12/18/2024	0039
7440-39-3	Barium	74		12/18/2024	0039
7440-41-7	Beryllium	0.42		12/18/2024	0039
7440-43-9	Cadmium	0.36	J	12/18/2024	0039
7440-70-2	Calcium	140000	D	01/05/2025	1846
7440-47-3	Chromium	5.3	*	12/18/2024	0039
7440-48-4	Cobalt	11	*	12/18/2024	0039
7440-50-8	Copper	19		12/18/2024	0039
7439-89-6	Iron	11000	*	12/18/2024	0039
7439-92-1	Lead	27		12/18/2024	0039
7439-95-4	Magnesium	19000		12/18/2024	0039
7439-96-5	Manganese	910	*	12/18/2024	0039
7440-02-0	Nickel	13		12/18/2024	0039
7440-09-7	Potassium	610		12/18/2024	0039
7782-49-2	Selenium	0.84	J*	12/18/2024	0039
7440-22-4	Silver	0.30	J*	12/18/2024	0039
7440-23-5	Sodium	410	U	12/18/2024	0039
7440-28-0	Thallium	1.4	J*	12/18/2024	0039
7440-62-2	Vanadium	8.7		12/18/2024	0039
7440-66-6	Zinc	39	*	12/18/2024	0039

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHKT7

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHKS4

Matrix: SOIL Lab Sample ID: P5055-16

% Solids: 86.6 Date Received: 12/03/2024

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	2700		12/18/2024	0043
7440-36-0	Antimony	4.7	U*	12/18/2024	0043
7440-38-2	Arsenic	3.8		12/18/2024	0043
7440-39-3	Barium	52		12/18/2024	0043
7440-41-7	Beryllium	0.42		12/18/2024	0043
7440-43-9	Cadmium	0.32	J	12/18/2024	0043
7440-70-2	Calcium	210000	D	01/03/2025	2259
7440-47-3	Chromium	4.9	*	12/18/2024	0043
7440-48-4	Cobalt	9.6	*	12/18/2024	0043
7440-50-8	Copper	13		12/18/2024	0043
7439-89-6	Iron	8300	*	12/18/2024	0043
7439-92-1	Lead	19		12/18/2024	0043
7439-95-4	Magnesium	9900		12/18/2024	0043
7439-96-5	Manganese	580	*	12/18/2024	0043
7440-02-0	Nickel	9.1		12/18/2024	0043
7440-09-7	Potassium	740		12/18/2024	0043
7782-49-2	Selenium	2.7	U*	12/18/2024	0043
7440-22-4	Silver	0.26	J*	12/18/2024	0043
7440-23-5	Sodium	390	U	12/18/2024	0043
7440-28-0	Thallium	1.9	J*	12/18/2024	0043
7440-62-2	Vanadium	6.1		12/18/2024	0043
7440-66-6	Zinc	32	*	12/18/2024	0043

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHKW5

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHKS4

Matrix: SOIL Lab Sample ID: P5055-17

% Solids: 72.5 Date Received: 12/03/2024

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		12/18/2024	0047
7440-36-0	Antimony	2.3	J*	12/18/2024	0047
7440-38-2	Arsenic	9.2		12/18/2024	0047
7440-39-3	Barium	180		12/18/2024	0047
7440-41-7	Beryllium	0.78		12/18/2024	0047
7440-43-9	Cadmium	0.93		12/18/2024	0047
7440-70-2	Calcium	28000		12/18/2024	0047
7440-47-3	Chromium	13	*	12/18/2024	0047
7440-48-4	Cobalt	12	*	12/18/2024	0047
7440-50-8	Copper	32		12/18/2024	0047
7439-89-6	Iron	16000	*	12/18/2024	0047
7439-92-1	Lead	190		12/18/2024	0047
7439-95-4	Magnesium	5500		12/18/2024	0047
7439-96-5	Manganese	720	*	12/18/2024	0047
7440-02-0	Nickel	19		12/18/2024	0047
7440-09-7	Potassium	1100		12/18/2024	0047
7782-49-2	Selenium	4.5	*	12/18/2024	0047
7440-22-4	Silver	0.47	J*	12/18/2024	0047
7440-23-5	Sodium	530	U	12/18/2024	0047
7440-28-0	Thallium	2.6	U*	12/18/2024	0047
7440-62-2	Vanadium	17		12/18/2024	0047
7440-66-6	Zinc	250	*	12/18/2024	0047

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHKW6

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHKS4

Matrix: SOIL Lab Sample ID: P5055-18

% Solids: 79.2 Date Received: 12/03/2024

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		12/18/2024	0051
7440-36-0	Antimony	2.6	J*	12/18/2024	0051
7440-38-2	Arsenic	8.8		12/18/2024	0051
7440-39-3	Barium	180		12/18/2024	0051
7440-41-7	Beryllium	0.76		12/18/2024	0051
7440-43-9	Cadmium	0.98		12/18/2024	0051
7440-70-2	Calcium	33000		12/18/2024	0051
7440-47-3	Chromium	13	*	12/18/2024	0051
7440-48-4	Cobalt	12	*	12/18/2024	0051
7440-50-8	Copper	32		12/18/2024	0051
7439-89-6	Iron	17000	*	12/18/2024	0051
7439-92-1	Lead	200		12/18/2024	0051
7439-95-4	Magnesium	6500		12/18/2024	0051
7439-96-5	Manganese	850	*	12/18/2024	0051
7440-02-0	Nickel	19		12/18/2024	0051
7440-09-7	Potassium	910		12/18/2024	0051
7782-49-2	Selenium	4.8	*	12/18/2024	0051
7440-22-4	Silver	0.56	J*	12/18/2024	0051
7440-23-5	Sodium	480	U	12/18/2024	0051
7440-28-0	Thallium	2.4	U*	12/18/2024	0051
7440-62-2	Vanadium	17		12/18/2024	0051
7440-66-6	Zinc	240	*	12/18/2024	0051

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHKW7

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHKS4

Matrix: SOIL Lab Sample ID: P5055-19

% Solids: 86.4 Date Received: 12/03/2024

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		12/18/2024	0055
7440-36-0	Antimony	2.6	J*	12/18/2024	0055
7440-38-2	Arsenic	11		12/18/2024	0055
7440-39-3	Barium	170		12/18/2024	0055
7440-41-7	Beryllium	0.68		12/18/2024	0055
7440-43-9	Cadmium	0.89		12/18/2024	0055
7440-70-2	Calcium	37000		12/18/2024	0055
7440-47-3	Chromium	11	*	12/18/2024	0055
7440-48-4	Cobalt	14	*	12/18/2024	0055
7440-50-8	Copper	26		12/18/2024	0055
7439-89-6	Iron	17000	*	12/18/2024	0055
7439-92-1	Lead	120		12/18/2024	0055
7439-95-4	Magnesium	6400		12/18/2024	0055
7439-96-5	Manganese	1300	*	12/18/2024	0055
7440-02-0	Nickel	19		12/18/2024	0055
7440-09-7	Potassium	700		12/18/2024	0055
7782-49-2	Selenium	5.7	*	12/18/2024	0055
7440-22-4	Silver	0.62	J*	12/18/2024	0055
7440-23-5	Sodium	420	U	12/18/2024	0055
7440-28-0	Thallium	2.1	U*	12/18/2024	0055
7440-62-2	Vanadium	16		12/18/2024	0055
7440-66-6	Zinc	170	*	12/18/2024	0055

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHKW8

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHKS4

Matrix: SOIL Lab Sample ID: P5055-20

% Solids: 87.7 Date Received: 12/03/2024

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		12/18/2024	0058
7440-36-0	Antimony	1.4	J*	12/18/2024	0058
7440-38-2	Arsenic	7.5		12/18/2024	0058
7440-39-3	Barium	140		12/18/2024	0058
7440-41-7	Beryllium	0.51		12/18/2024	0058
7440-43-9	Cadmium	0.49		12/18/2024	0058
7440-70-2	Calcium	110000	D	01/03/2025	2303
7440-47-3	Chromium	7.3	*	12/18/2024	0058
7440-48-4	Cobalt	13	*	12/18/2024	0058
7440-50-8	Copper	24		12/18/2024	0058
7439-89-6	Iron	14000	*	12/18/2024	0058
7439-92-1	Lead	45		12/18/2024	0058
7439-95-4	Magnesium	20000		12/18/2024	0058
7439-96-5	Manganese	1400	*	12/18/2024	0058
7440-02-0	Nickel	15		12/18/2024	0058
7440-09-7	Potassium	710		12/18/2024	0058
7782-49-2	Selenium	3.0	*	12/18/2024	0058
7440-22-4	Silver	0.41	J*	12/18/2024	0058
7440-23-5	Sodium	400	U	12/18/2024	0058
7440-28-0	Thallium	2.0	U*	12/18/2024	0058
7440-62-2	Vanadium	11		12/18/2024	0058
7440-66-6	Zinc	66	*	12/18/2024	0058

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHKW9

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHKS4

Matrix: SOIL Lab Sample ID: P5055-21

% Solids: 90.5 Date Received: 12/03/2024

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	3600		12/18/2024	0110
7440-36-0	Antimony	0.57	J*	12/18/2024	0110
7440-38-2	Arsenic	5.9		12/18/2024	0110
7440-39-3	Barium	55		12/18/2024	0110
7440-41-7	Beryllium	0.42		12/18/2024	0110
7440-43-9	Cadmium	0.34	J	12/18/2024	0110
7440-70-2	Calcium	170000	D	01/03/2025	2307
7440-47-3	Chromium	6.3	*	12/18/2024	0110
7440-48-4	Cobalt	11	*	12/18/2024	0110
7440-50-8	Copper	21		12/18/2024	0110
7439-89-6	Iron	9800	*	12/18/2024	0110
7439-92-1	Lead	22		12/18/2024	0110
7439-95-4	Magnesium	17000		12/18/2024	0110
7439-96-5	Manganese	910	*	12/18/2024	0110
7440-02-0	Nickel	12		12/18/2024	0110
7440-09-7	Potassium	880		12/18/2024	0110
7782-49-2	Selenium	2.6	U*	12/18/2024	0110
7440-22-4	Silver	0.30	J*	12/18/2024	0110
7440-23-5	Sodium	380	U	12/18/2024	0110
7440-28-0	Thallium	1.4	J*	12/18/2024	0110
7440-62-2	Vanadium	8.1		12/18/2024	0110
7440-66-6	Zinc	42	*	12/18/2024	0110

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHKX0

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHKS4

Matrix: SOIL Lab Sample ID: P5055-22

% Solids: 89.6 Date Received: 12/03/2024

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		12/18/2024	0114
7440-36-0	Antimony	1.4	J*	12/18/2024	0114
7440-38-2	Arsenic	11		12/18/2024	0114
7440-39-3	Barium	50		12/18/2024	0114
7440-41-7	Beryllium	0.60		12/18/2024	0114
7440-43-9	Cadmium	0.38	J	12/18/2024	0114
7440-70-2	Calcium	120000	D	01/03/2025	2310
7440-47-3	Chromium	5.9	*	12/18/2024	0114
7440-48-4	Cobalt	12	*	12/18/2024	0114
7440-50-8	Copper	35		12/18/2024	0114
7439-89-6	Iron	15000	*	12/18/2024	0114
7439-92-1	Lead	22		12/18/2024	0114
7439-95-4	Magnesium	13000		12/18/2024	0114
7439-96-5	Manganese	650	*	12/18/2024	0114
7440-02-0	Nickel	15		12/18/2024	0114
7440-09-7	Potassium	980		12/18/2024	0114
7782-49-2	Selenium	2.8	*	12/18/2024	0114
7440-22-4	Silver	0.35	J*	12/18/2024	0114
7440-23-5	Sodium	400	U	12/18/2024	0114
7440-28-0	Thallium	2.0	U*	12/18/2024	0114
7440-62-2	Vanadium	10		12/18/2024	0114
7440-66-6	Zinc	41	*	12/18/2024	0114

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

Comments: