

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHLD9

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHLD9

Matrix: SOIL Lab Sample ID: P5080-01

% Solids: 71.8 Date Received: 12/04/2024

Analytical Method: ICP_AES

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	6900		12/28/2024	0008
7440-36-0	Antimony	0.88	J*	12/28/2024	0008
7440-38-2	Arsenic	12	*	12/28/2024	0008
7440-39-3	Barium	160		12/28/2024	0008
7440-41-7	Beryllium	0.73		12/28/2024	0008
7440-43-9	Cadmium	1.2		12/28/2024	0008
7440-70-2	Calcium	6800		12/28/2024	0008
7440-47-3	Chromium	33		12/28/2024	0008
7440-48-4	Cobalt	11	*	12/28/2024	0008
7440-50-8	Copper	36		12/28/2024	0008
7439-89-6	Iron	15000		12/28/2024	0008
7439-92-1	Lead	140		12/28/2024	0008
7439-95-4	Magnesium	2500	*	12/28/2024	0008
7439-96-5	Manganese	900		12/28/2024	0008
7440-02-0	Nickel	20		12/28/2024	0008
7440-09-7	Potassium	1200		12/28/2024	0008
7782-49-2	Selenium	8.2	*	12/28/2024	0008
7440-22-4	Silver	0.99	U*	12/28/2024	0008
7440-23-5	Sodium	490	U	12/28/2024	0008
7440-28-0	Thallium	2.5	U*	12/28/2024	0008
7440-62-2	Vanadium	16		12/28/2024	0008
7440-66-6	Zinc	210	*	12/28/2024	0008

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

Comments:

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MBHLE0

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHLD9

Matrix: SOIL Lab Sample ID: P5080-02

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

Analytical Method: ICP_AES

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	6500		12/28/2024	0012
7440-36-0	Antimony	0.63	J*	12/28/2024	0012
7440-38-2	Arsenic	12	*	12/28/2024	0012
7440-39-3	Barium	150		12/28/2024	0012
7440-41-7	Beryllium	0.70		12/28/2024	0012
7440-43-9	Cadmium	1.1		12/28/2024	0012
7440-70-2	Calcium	6200		12/28/2024	0012
7440-47-3	Chromium	31		12/28/2024	0012
7440-48-4	Cobalt	9.9	*	12/28/2024	0012
7440-50-8	Copper	35		12/28/2024	0012
7439-89-6	Iron	14000		12/28/2024	0012
7439-92-1	Lead	120		12/28/2024	0012
7439-95-4	Magnesium	2400	*	12/28/2024	0012
7439-96-5	Manganese	910		12/28/2024	0012
7440-02-0	Nickel	18		12/28/2024	0012
7440-09-7	Potassium	920		12/28/2024	0012
7782-49-2	Selenium	7.6	*	12/28/2024	0012
7440-22-4	Silver	1.0	U*	12/28/2024	0012
7440-23-5	Sodium	500	U	12/28/2024	0012
7440-28-0	Thallium	2.5	U*	12/28/2024	0012
7440-62-2	Vanadium	15		12/28/2024	0012
7440-66-6	Zinc	170	*	12/28/2024	0012

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

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MBHLE1

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHLD9

Matrix: SOIL Lab Sample ID: P5080-03

% Solids: 84.8 Date Received: 12/04/2024

Analytical Method: ICP_AES

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	7100		12/28/2024	0016
7440-36-0	Antimony	0.75	J*	12/28/2024	0016
7440-38-2	Arsenic	12	*	12/28/2024	0016
7440-39-3	Barium	180		12/28/2024	0016
7440-41-7	Beryllium	0.76		12/28/2024	0016
7440-43-9	Cadmium	1.2		12/28/2024	0016
7440-70-2	Calcium	5100		12/28/2024	0016
7440-47-3	Chromium	32		12/28/2024	0016
7440-48-4	Cobalt	11	*	12/28/2024	0016
7440-50-8	Copper	35		12/28/2024	0016
7439-89-6	Iron	16000		12/28/2024	0016
7439-92-1	Lead	110		12/28/2024	0016
7439-95-4	Magnesium	2400	*	12/28/2024	0016
7439-96-5	Manganese	1200		12/28/2024	0016
7440-02-0	Nickel	19		12/28/2024	0016
7440-09-7	Potassium	770		12/28/2024	0016
7782-49-2	Selenium	9.3	*	12/28/2024	0016
7440-22-4	Silver	1.1	U*	12/28/2024	0016
7440-23-5	Sodium	540	U	12/28/2024	0016
7440-28-0	Thallium	2.7	U*	12/28/2024	0016
7440-62-2	Vanadium	16		12/28/2024	0016
7440-66-6	Zinc	160	*	12/28/2024	0016

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

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MBHLE2

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHLD9

Matrix: SOIL Lab Sample ID: P5080-04

% Solids: 88.2 Date Received: 12/04/2024

Analytical Method: ICP_AES

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	7900		01/05/2025	2317
7440-36-0	Antimony	4.0	J*	01/05/2025	2317
7440-38-2	Arsenic	9.3	*	01/05/2025	2317
7440-39-3	Barium	180		01/05/2025	2317
7440-41-7	Beryllium	0.61		01/05/2025	2317
7440-43-9	Cadmium	0.63		01/05/2025	2317
7440-70-2	Calcium	6200		01/05/2025	2317
7440-47-3	Chromium	16		01/05/2025	2317
7440-48-4	Cobalt	12	*	01/05/2025	2317
7440-50-8	Copper	19		01/05/2025	2317
7439-89-6	Iron	18000		01/05/2025	2317
7439-92-1	Lead	32		01/05/2025	2317
7439-95-4	Magnesium	3800	*	01/05/2025	2317
7439-96-5	Manganese	1300		01/05/2025	2317
7440-02-0	Nickel	17		01/05/2025	2317
7440-09-7	Potassium	850		01/05/2025	2317
7782-49-2	Selenium	10	*	01/05/2025	2317
7440-22-4	Silver	0.99	U*	01/05/2025	2317
7440-23-5	Sodium	490	U	01/05/2025	2317
7440-28-0	Thallium	2.5	U*	01/05/2025	2317
7440-62-2	Vanadium	17		01/05/2025	2317
7440-66-6	Zinc	89	*	01/05/2025	2317

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

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MBHLE3

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHLD9

Matrix: SOIL Lab Sample ID: P5080-05

% Solids: 90.7 Date Received: 12/04/2024

Analytical Method: ICP_AES

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	6500		01/05/2025	2321
7440-36-0	Antimony	3.1	J*	01/05/2025	2321
7440-38-2	Arsenic	5.9	*	01/05/2025	2321
7440-39-3	Barium	90		01/05/2025	2321
7440-41-7	Beryllium	0.53		01/05/2025	2321
7440-43-9	Cadmium	0.23	J	01/05/2025	2321
7440-70-2	Calcium	13000		01/05/2025	2321
7440-47-3	Chromium	12		01/05/2025	2321
7440-48-4	Cobalt	10	*	01/05/2025	2321
7440-50-8	Copper	21		01/05/2025	2321
7439-89-6	Iron	14000		01/05/2025	2321
7439-92-1	Lead	21		01/05/2025	2321
7439-95-4	Magnesium	5200	*	01/05/2025	2321
7439-96-5	Manganese	640		01/05/2025	2321
7440-02-0	Nickel	15		01/05/2025	2321
7440-09-7	Potassium	640		01/05/2025	2321
7782-49-2	Selenium	6.4	*	01/05/2025	2321
7440-22-4	Silver	0.98	U*	01/05/2025	2321
7440-23-5	Sodium	110	J	01/05/2025	2321
7440-28-0	Thallium	2.4	U*	01/05/2025	2321
7440-62-2	Vanadium	14		01/05/2025	2321
7440-66-6	Zinc	42	*	01/05/2025	2321

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

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MBHLE4

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHLD9

Matrix: SOIL Lab Sample ID: P5080-06

% Solids: 88.5 Date Received: 12/04/2024

Analytical Method: ICP_AES

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	5100		01/05/2025	2324
7440-36-0	Antimony	3.9	J*	01/05/2025	2324
7440-38-2	Arsenic	8.9	*	01/05/2025	2324
7440-39-3	Barium	99		01/05/2025	2324
7440-41-7	Beryllium	0.55		01/05/2025	2324
7440-43-9	Cadmium	0.48		01/05/2025	2324
7440-70-2	Calcium	64000		01/05/2025	2324
7440-47-3	Chromium	18		01/05/2025	2324
7440-48-4	Cobalt	12	*	01/05/2025	2324
7440-50-8	Copper	35		01/05/2025	2324
7439-89-6	Iron	20000		01/05/2025	2324
7439-92-1	Lead	44		01/05/2025	2324
7439-95-4	Magnesium	11000	*	01/05/2025	2324
7439-96-5	Manganese	920		01/05/2025	2324
7440-02-0	Nickel	16		01/05/2025	2324
7440-09-7	Potassium	820		01/05/2025	2324
7782-49-2	Selenium	6.5	*	01/05/2025	2324
7440-22-4	Silver	0.90	U*	01/05/2025	2324
7440-23-5	Sodium	210	J	01/05/2025	2324
7440-28-0	Thallium	2.2	U*	01/05/2025	2324
7440-62-2	Vanadium	19		01/05/2025	2324
7440-66-6	Zinc	46	*	01/05/2025	2324

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

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MBHLE5

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHLD9

Matrix: SOIL Lab Sample ID: P5080-07

% Solids: 89.1 Date Received: 12/04/2024

Analytical Method: ICP_AES

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	6000		01/05/2025	2328
7440-36-0	Antimony	3.0	J*	01/05/2025	2328
7440-38-2	Arsenic	4.4	*	01/05/2025	2328
7440-39-3	Barium	57		01/05/2025	2328
7440-41-7	Beryllium	0.57		01/05/2025	2328
7440-43-9	Cadmium	0.35	J	01/05/2025	2328
7440-70-2	Calcium	96000	D	01/06/2025	0018
7440-47-3	Chromium	14		01/05/2025	2328
7440-48-4	Cobalt	12	*	01/05/2025	2328
7440-50-8	Copper	34		01/05/2025	2328
7439-89-6	Iron	17000		01/05/2025	2328
7439-92-1	Lead	13		01/05/2025	2328
7439-95-4	Magnesium	8200	*	01/05/2025	2328
7439-96-5	Manganese	670		01/05/2025	2328
7440-02-0	Nickel	16		01/05/2025	2328
7440-09-7	Potassium	1100		01/05/2025	2328
7782-49-2	Selenium	4.4	*	01/05/2025	2328
7440-22-4	Silver	1.1	U*	01/05/2025	2328
7440-23-5	Sodium	230	J	01/05/2025	2328
7440-28-0	Thallium	2.6	U*	01/05/2025	2328
7440-62-2	Vanadium	16		01/05/2025	2328
7440-66-6	Zinc	32	*	01/05/2025	2328

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

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MBHLE6

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHLD9

Matrix: SOIL Lab Sample ID: P5080-08

% Solids: 70.3 Date Received: 12/04/2024

Analytical Method: ICP_AES

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	6700		01/05/2025	2332
7440-36-0	Antimony	3.3	J*	01/05/2025	2332
7440-38-2	Arsenic	14	*	01/05/2025	2332
7440-39-3	Barium	180		01/05/2025	2332
7440-41-7	Beryllium	0.68		01/05/2025	2332
7440-43-9	Cadmium	0.95		01/05/2025	2332
7440-70-2	Calcium	6900		01/05/2025	2332
7440-47-3	Chromium	40		01/05/2025	2332
7440-48-4	Cobalt	9.5	*	01/05/2025	2332
7440-50-8	Copper	40		01/05/2025	2332
7439-89-6	Iron	15000		01/05/2025	2332
7439-92-1	Lead	300		01/05/2025	2332
7439-95-4	Magnesium	2300	*	01/05/2025	2332
7439-96-5	Manganese	760		01/05/2025	2332
7440-02-0	Nickel	19		01/05/2025	2332
7440-09-7	Potassium	1100		01/05/2025	2332
7782-49-2	Selenium	8.0	*	01/05/2025	2332
7440-22-4	Silver	1.2	U*	01/05/2025	2332
7440-23-5	Sodium	590	U	01/05/2025	2332
7440-28-0	Thallium	3.0	U*	01/05/2025	2332
7440-62-2	Vanadium	15		01/05/2025	2332
7440-66-6	Zinc	240	*	01/05/2025	2332

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

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MBHLE7

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHLD9

Matrix: SOIL Lab Sample ID: P5080-09

% Solids: 78.6 Date Received: 12/04/2024

Analytical Method: ICP_AES

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	6300		01/05/2025	1918
7440-36-0	Antimony	3.6	J*	01/05/2025	1918
7440-38-2	Arsenic	15	*	01/05/2025	1918
7440-39-3	Barium	180		01/05/2025	1918
7440-41-7	Beryllium	0.61		01/05/2025	1918
7440-43-9	Cadmium	1.1		01/05/2025	1918
7440-70-2	Calcium	13000		01/05/2025	1918
7440-47-3	Chromium	38		01/05/2025	1918
7440-48-4	Cobalt	9.9	*	01/05/2025	1918
7440-50-8	Copper	38		01/05/2025	1918
7439-89-6	Iron	15000		01/05/2025	1918
7439-92-1	Lead	280		01/05/2025	1918
7439-95-4	Magnesium	2800	*	01/05/2025	1918
7439-96-5	Manganese	790		01/05/2025	1918
7440-02-0	Nickel	18		01/05/2025	1918
7440-09-7	Potassium	870		01/05/2025	1918
7782-49-2	Selenium	6.5	*	01/05/2025	1918
7440-22-4	Silver	0.87	U*	01/05/2025	1918
7440-23-5	Sodium	430	U	01/05/2025	1918
7440-28-0	Thallium	2.2	U*	01/05/2025	1918
7440-62-2	Vanadium	16		01/05/2025	1918
7440-66-6	Zinc	210	*	01/05/2025	1918

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

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MBHLE8

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHLD9

Matrix: SOIL Lab Sample ID: P5080-10

% Solids: 78.9 Date Received: 12/04/2024

Analytical Method: ICP_AES

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	7300		12/27/2024	1657
7440-36-0	Antimony	1.2	J*	12/27/2024	1657
7440-38-2	Arsenic	21	*	12/27/2024	1657
7440-39-3	Barium	300		12/27/2024	1657
7440-41-7	Beryllium	0.83		12/27/2024	1657
7440-43-9	Cadmium	1.1		12/27/2024	1657
7440-70-2	Calcium	8200		12/27/2024	1657
7440-47-3	Chromium	35		12/27/2024	1657
7440-48-4	Cobalt	11	*	12/27/2024	1657
7440-50-8	Copper	58		12/27/2024	1657
7439-89-6	Iron	18000		12/27/2024	1657
7439-92-1	Lead	450		12/27/2024	1657
7439-95-4	Magnesium	2900	*	12/27/2024	1657
7439-96-5	Manganese	960		12/27/2024	1657
7440-02-0	Nickel	20		12/27/2024	1657
7440-09-7	Potassium	1000		12/27/2024	1657
7782-49-2	Selenium	9.3	*	12/27/2024	1657
7440-22-4	Silver	1.0	U*	12/27/2024	1657
7440-23-5	Sodium	500	U	12/27/2024	1657
7440-28-0	Thallium	2.5	U*	12/27/2024	1657
7440-62-2	Vanadium	18		12/27/2024	1657
7440-66-6	Zinc	300	*	12/27/2024	1657

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

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MBHLH6

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHLD9

Matrix: SOIL Lab Sample ID: P5080-13

% Solids: 79 Date Received: 12/04/2024

Analytical Method: ICP_AES

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	7000		01/05/2025	1921
7440-36-0	Antimony	3.2	J*	01/05/2025	1921
7440-38-2	Arsenic	14	*	01/05/2025	1921
7440-39-3	Barium	140		01/05/2025	1921
7440-41-7	Beryllium	0.63		01/05/2025	1921
7440-43-9	Cadmium	0.68		01/05/2025	1921
7440-70-2	Calcium	12000		01/05/2025	1921
7440-47-3	Chromium	22		01/05/2025	1921
7440-48-4	Cobalt	11	*	01/05/2025	1921
7440-50-8	Copper	38		01/05/2025	1921
7439-89-6	Iron	15000		01/05/2025	1921
7439-92-1	Lead	280		01/05/2025	1921
7439-95-4	Magnesium	3900	*	01/05/2025	1921
7439-96-5	Manganese	760		01/05/2025	1921
7440-02-0	Nickel	18		01/05/2025	1921
7440-09-7	Potassium	910		01/05/2025	1921
7782-49-2	Selenium	6.8	*	01/05/2025	1921
7440-22-4	Silver	1.2	U*	01/05/2025	1921
7440-23-5	Sodium	580	U	01/05/2025	1921
7440-28-0	Thallium	2.9	U*	01/05/2025	1921
7440-62-2	Vanadium	16		01/05/2025	1921
7440-66-6	Zinc	170	*	01/05/2025	1921

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHLH7

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHLD9

Matrix: SOIL Lab Sample ID: P5080-14

% Solids: 79.8 Date Received: 12/04/2024

Analytical Method: ICP_AES

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	6600		01/05/2025	1925
7440-36-0	Antimony	2.8	J*	01/05/2025	1925
7440-38-2	Arsenic	9.4	*	01/05/2025	1925
7440-39-3	Barium	110		01/05/2025	1925
7440-41-7	Beryllium	0.57		01/05/2025	1925
7440-43-9	Cadmium	0.56		01/05/2025	1925
7440-70-2	Calcium	14000		01/05/2025	1925
7440-47-3	Chromium	15		01/05/2025	1925
7440-48-4	Cobalt	10	*	01/05/2025	1925
7440-50-8	Copper	32		01/05/2025	1925
7439-89-6	Iron	13000		01/05/2025	1925
7439-92-1	Lead	130		01/05/2025	1925
7439-95-4	Magnesium	3600	*	01/05/2025	1925
7439-96-5	Manganese	590		01/05/2025	1925
7440-02-0	Nickel	16		01/05/2025	1925
7440-09-7	Potassium	700		01/05/2025	1925
7782-49-2	Selenium	5.6	*	01/05/2025	1925
7440-22-4	Silver	1.1	U*	01/05/2025	1925
7440-23-5	Sodium	540	U	01/05/2025	1925
7440-28-0	Thallium	2.7	U*	01/05/2025	1925
7440-62-2	Vanadium	15		01/05/2025	1925
7440-66-6	Zinc	95	*	01/05/2025	1925

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHLH8

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHLD9

Matrix: SOIL Lab Sample ID: P5080-15

% Solids: 86.8 Date Received: 12/04/2024

Analytical Method: ICP_AES

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	4600		01/05/2025	1929
7440-36-0	Antimony	2.3	J*	01/05/2025	1929
7440-38-2	Arsenic	4.0	*	01/05/2025	1929
7440-39-3	Barium	51		01/05/2025	1929
7440-41-7	Beryllium	0.40		01/05/2025	1929
7440-43-9	Cadmium	0.22	J	01/05/2025	1929
7440-70-2	Calcium	15000		01/05/2025	1929
7440-47-3	Chromium	7.7		01/05/2025	1929
7440-48-4	Cobalt	7.9	*	01/05/2025	1929
7440-50-8	Copper	19		01/05/2025	1929
7439-89-6	Iron	10000		01/05/2025	1929
7439-92-1	Lead	33		01/05/2025	1929
7439-95-4	Magnesium	4300	*	01/05/2025	1929
7439-96-5	Manganese	290		01/05/2025	1929
7440-02-0	Nickel	12		01/05/2025	1929
7440-09-7	Potassium	570		01/05/2025	1929
7782-49-2	Selenium	3.9	*	01/05/2025	1929
7440-22-4	Silver	0.78	U*	01/05/2025	1929
7440-23-5	Sodium	390	U	01/05/2025	1929
7440-28-0	Thallium	2.0	U*	01/05/2025	1929
7440-62-2	Vanadium	10		01/05/2025	1929
7440-66-6	Zinc	47	*	01/05/2025	1929

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHLH9

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHLD9
 Matrix: SOIL Lab Sample ID: P5080-16
 % Solids: 87.2 Date Received: 12/04/2024

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	4900		01/05/2025	1941
7440-36-0	Antimony	2.6	J*	01/05/2025	1941
7440-38-2	Arsenic	3.4	*	01/05/2025	1941
7440-39-3	Barium	55		01/05/2025	1941
7440-41-7	Beryllium	0.45	J	01/05/2025	1941
7440-43-9	Cadmium	0.22	J	01/05/2025	1941
7440-70-2	Calcium	25000		01/05/2025	1941
7440-47-3	Chromium	7.8		01/05/2025	1941
7440-48-4	Cobalt	8.9	*	01/05/2025	1941
7440-50-8	Copper	21		01/05/2025	1941
7439-89-6	Iron	12000		01/05/2025	1941
7439-92-1	Lead	21		01/05/2025	1941
7439-95-4	Magnesium	6800	*	01/05/2025	1941
7439-96-5	Manganese	310		01/05/2025	1941
7440-02-0	Nickel	13		01/05/2025	1941
7440-09-7	Potassium	750		01/05/2025	1941
7782-49-2	Selenium	4.2	*	01/05/2025	1941
7440-22-4	Silver	0.94	U*	01/05/2025	1941
7440-23-5	Sodium	470	U	01/05/2025	1941
7440-28-0	Thallium	2.4	U*	01/05/2025	1941
7440-62-2	Vanadium	12		01/05/2025	1941
7440-66-6	Zinc	45	*	01/05/2025	1941

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHLJ0

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHLD9

Matrix: SOIL Lab Sample ID: P5080-17

% Solids: 88.2 Date Received: 12/04/2024

Analytical Method: ICP_AES

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	5200		01/05/2025	1944
7440-36-0	Antimony	2.6	J*	01/05/2025	1944
7440-38-2	Arsenic	5.5	*	01/05/2025	1944
7440-39-3	Barium	59		01/05/2025	1944
7440-41-7	Beryllium	0.46		01/05/2025	1944
7440-43-9	Cadmium	0.35	J	01/05/2025	1944
7440-70-2	Calcium	48000		01/05/2025	1944
7440-47-3	Chromium	7.9		01/05/2025	1944
7440-48-4	Cobalt	10	*	01/05/2025	1944
7440-50-8	Copper	26		01/05/2025	1944
7439-89-6	Iron	13000		01/05/2025	1944
7439-92-1	Lead	20		01/05/2025	1944
7439-95-4	Magnesium	7900	*	01/05/2025	1944
7439-96-5	Manganese	610		01/05/2025	1944
7440-02-0	Nickel	15		01/05/2025	1944
7440-09-7	Potassium	870		01/05/2025	1944
7782-49-2	Selenium	4.2	*	01/05/2025	1944
7440-22-4	Silver	0.81	U*	01/05/2025	1944
7440-23-5	Sodium	94	J	01/05/2025	1944
7440-28-0	Thallium	2.0	U*	01/05/2025	1944
7440-62-2	Vanadium	14		01/05/2025	1944
7440-66-6	Zinc	44	*	01/05/2025	1944

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHM29

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHLD9

Matrix: SOIL Lab Sample ID: P5080-18

% Solids: 87.3 Date Received: 12/04/2024

Analytical Method: ICP_AES

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	5100		01/05/2025	1948
7440-36-0	Antimony	2.4	J*	01/05/2025	1948
7440-38-2	Arsenic	4.3	*	01/05/2025	1948
7440-39-3	Barium	56		01/05/2025	1948
7440-41-7	Beryllium	0.44	J	01/05/2025	1948
7440-43-9	Cadmium	0.23	J	01/05/2025	1948
7440-70-2	Calcium	27000		01/05/2025	1948
7440-47-3	Chromium	10		01/05/2025	1948
7440-48-4	Cobalt	7.9	*	01/05/2025	1948
7440-50-8	Copper	8.9		01/05/2025	1948
7439-89-6	Iron	12000		01/05/2025	1948
7439-92-1	Lead	42		01/05/2025	1948
7439-95-4	Magnesium	9300	*	01/05/2025	1948
7439-96-5	Manganese	350		01/05/2025	1948
7440-02-0	Nickel	10		01/05/2025	1948
7440-09-7	Potassium	880		01/05/2025	1948
7782-49-2	Selenium	2.9	J*	01/05/2025	1948
7440-22-4	Silver	0.93	U*	01/05/2025	1948
7440-23-5	Sodium	470	U	01/05/2025	1948
7440-28-0	Thallium	2.3	U*	01/05/2025	1948
7440-62-2	Vanadium	10		01/05/2025	1948
7440-66-6	Zinc	77	*	01/05/2025	1948

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHM30

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHLD9

Matrix: SOIL Lab Sample ID: P5080-19

% Solids: 72.2 Date Received: 12/04/2024

Analytical Method: ICP_AES

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	7200		01/05/2025	1952
7440-36-0	Antimony	3.1	J*	01/05/2025	1952
7440-38-2	Arsenic	11	*	01/05/2025	1952
7440-39-3	Barium	130		01/05/2025	1952
7440-41-7	Beryllium	0.62		01/05/2025	1952
7440-43-9	Cadmium	0.73		01/05/2025	1952
7440-70-2	Calcium	6500		01/05/2025	1952
7440-47-3	Chromium	20		01/05/2025	1952
7440-48-4	Cobalt	9.2	*	01/05/2025	1952
7440-50-8	Copper	34		01/05/2025	1952
7439-89-6	Iron	15000		01/05/2025	1952
7439-92-1	Lead	180		01/05/2025	1952
7439-95-4	Magnesium	2700	*	01/05/2025	1952
7439-96-5	Manganese	720		01/05/2025	1952
7440-02-0	Nickel	18		01/05/2025	1952
7440-09-7	Potassium	1000		01/05/2025	1952
7782-49-2	Selenium	7.9	*	01/05/2025	1952
7440-22-4	Silver	1.1	U*	01/05/2025	1952
7440-23-5	Sodium	540	U	01/05/2025	1952
7440-28-0	Thallium	2.7	U*	01/05/2025	1952
7440-62-2	Vanadium	16		01/05/2025	1952
7440-66-6	Zinc	160	*	01/05/2025	1952

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

Comments: