

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHLR4

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHLR4

Matrix: SOIL Lab Sample ID: P5091-01

% Solids: 92.7 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	4800	*	12/23/2024	2357
7440-36-0	Antimony	2.4	J	12/23/2024	2357
7440-38-2	Arsenic	7.2		12/23/2024	2357
7440-39-3	Barium	65	*	12/23/2024	2357
7440-41-7	Beryllium	0.51		12/23/2024	2357
7440-43-9	Cadmium	0.53		12/23/2024	2357
7440-70-2	Calcium	110000	D*	01/04/2025	0114
7440-47-3	Chromium	5.7	*	12/23/2024	2357
7440-48-4	Cobalt	10	*	12/23/2024	2357
7440-50-8	Copper	18		12/23/2024	2357
7439-89-6	Iron	12000	*	12/23/2024	2357
7439-92-1	Lead	25		12/23/2024	2357
7439-95-4	Magnesium	15000	*	12/23/2024	2357
7439-96-5	Manganese	630	*	12/23/2024	2357
7440-02-0	Nickel	12		12/23/2024	2357
7440-09-7	Potassium	570		12/23/2024	2357
7782-49-2	Selenium	2.7	J*	12/23/2024	2357
7440-22-4	Silver	0.093	J*	12/23/2024	2357
7440-23-5	Sodium	440	U	12/23/2024	2357
7440-28-0	Thallium	2.2	U*	12/23/2024	2357
7440-62-2	Vanadium	14		12/23/2024	2357
7440-66-6	Zinc	52		12/23/2024	2357

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

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MBHLR5

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHLR4

Matrix: SOIL Lab Sample ID: P5091-02

% Solids: 92.2 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	4300	*	12/24/2024	0000
7440-36-0	Antimony	2.1	J	12/24/2024	0000
7440-38-2	Arsenic	5.7		12/24/2024	0000
7440-39-3	Barium	56	*	12/24/2024	0000
7440-41-7	Beryllium	0.44		12/24/2024	0000
7440-43-9	Cadmium	0.42		12/24/2024	0000
7440-70-2	Calcium	110000	D*	01/04/2025	0118
7440-47-3	Chromium	6.3	*	12/24/2024	0000
7440-48-4	Cobalt	11	*	12/24/2024	0000
7440-50-8	Copper	19		12/24/2024	0000
7439-89-6	Iron	10000	*	12/24/2024	0000
7439-92-1	Lead	22		12/24/2024	0000
7439-95-4	Magnesium	11000	*	12/24/2024	0000
7439-96-5	Manganese	690	*	12/24/2024	0000
7440-02-0	Nickel	13		12/24/2024	0000
7440-09-7	Potassium	940		12/24/2024	0000
7782-49-2	Selenium	2.7	J*	12/24/2024	0000
7440-22-4	Silver	0.82	U*	12/24/2024	0000
7440-23-5	Sodium	410	U	12/24/2024	0000
7440-28-0	Thallium	2.0	U*	12/24/2024	0000
7440-62-2	Vanadium	9.8		12/24/2024	0000
7440-66-6	Zinc	40		12/24/2024	0000

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

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MBHLR6

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHLR4

Matrix: SOIL Lab Sample ID: P5091-03

% Solids: 91.1 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	3900	*	12/24/2024	0004
7440-36-0	Antimony	1.3	J	12/24/2024	0004
7440-38-2	Arsenic	4.3		12/24/2024	0004
7440-39-3	Barium	48	*	12/24/2024	0004
7440-41-7	Beryllium	0.41		12/24/2024	0004
7440-43-9	Cadmium	0.29	J	12/24/2024	0004
7440-70-2	Calcium	81000	D*	01/04/2025	0121
7440-47-3	Chromium	5.5	*	12/24/2024	0004
7440-48-4	Cobalt	11	*	12/24/2024	0004
7440-50-8	Copper	19		12/24/2024	0004
7439-89-6	Iron	8300	*	12/24/2024	0004
7439-92-1	Lead	19		12/24/2024	0004
7439-95-4	Magnesium	9800	*	12/24/2024	0004
7439-96-5	Manganese	610	*	12/24/2024	0004
7440-02-0	Nickel	14		12/24/2024	0004
7440-09-7	Potassium	950		12/24/2024	0004
7782-49-2	Selenium	1.1	J*	12/24/2024	0004
7440-22-4	Silver	0.088	J*	12/24/2024	0004
7440-23-5	Sodium	400	U	12/24/2024	0004
7440-28-0	Thallium	2.0	U*	12/24/2024	0004
7440-62-2	Vanadium	6.8		12/24/2024	0004
7440-66-6	Zinc	33		12/24/2024	0004

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

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MBHLR7

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHLR4

Matrix: SOIL Lab Sample ID: P5091-04

% Solids: 91.2 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	3700	*	12/24/2024	0008
7440-36-0	Antimony	1.8	J	12/24/2024	0008
7440-38-2	Arsenic	4.7		12/24/2024	0008
7440-39-3	Barium	31	*	12/24/2024	0008
7440-41-7	Beryllium	0.41	J	12/24/2024	0008
7440-43-9	Cadmium	0.20	J	12/24/2024	0008
7440-70-2	Calcium	66000	*	12/24/2024	0008
7440-47-3	Chromium	6.3	*	12/24/2024	0008
7440-48-4	Cobalt	9.9	*	12/24/2024	0008
7440-50-8	Copper	28		12/24/2024	0008
7439-89-6	Iron	9300	*	12/24/2024	0008
7439-92-1	Lead	25		12/24/2024	0008
7439-95-4	Magnesium	9200	*	12/24/2024	0008
7439-96-5	Manganese	460	*	12/24/2024	0008
7440-02-0	Nickel	13		12/24/2024	0008
7440-09-7	Potassium	930		12/24/2024	0008
7782-49-2	Selenium	1.8	J*	12/24/2024	0008
7440-22-4	Silver	0.83	U*	12/24/2024	0008
7440-23-5	Sodium	420	U	12/24/2024	0008
7440-28-0	Thallium	2.1	U*	12/24/2024	0008
7440-62-2	Vanadium	10		12/24/2024	0008
7440-66-6	Zinc	28		12/24/2024	0008

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

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MBHLR8

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHLR4

Matrix: SOIL Lab Sample ID: P5091-05

% Solids: 70 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	*	12/24/2024	0012
7440-36-0	Antimony	6.8		12/24/2024	0012
7440-38-2	Arsenic	14		12/24/2024	0012
7440-39-3	Barium	260	*	12/24/2024	0012
7440-41-7	Beryllium	0.84		12/24/2024	0012
7440-43-9	Cadmium	2.2		12/24/2024	0012
7440-70-2	Calcium	21000	*	12/24/2024	0012
7440-47-3	Chromium	16	*	12/24/2024	0012
7440-48-4	Cobalt	12	*	12/24/2024	0012
7440-50-8	Copper	39		12/24/2024	0012
7439-89-6	Iron	21000	*	12/24/2024	0012
7439-92-1	Lead	490		12/24/2024	0012
7439-95-4	Magnesium	4700	*	12/24/2024	0012
7439-96-5	Manganese	890	*	12/24/2024	0012
7440-02-0	Nickel	23		12/24/2024	0012
7440-09-7	Potassium	1100		12/24/2024	0012
7782-49-2	Selenium	9.6	*	12/24/2024	0012
7440-22-4	Silver	0.31	J*	12/24/2024	0012
7440-23-5	Sodium	530	U	12/24/2024	0012
7440-28-0	Thallium	2.7	U*	12/24/2024	0012
7440-62-2	Vanadium	17		12/24/2024	0012
7440-66-6	Zinc	620		12/24/2024	0012

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

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MBHLR9

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHLR4

Matrix: SOIL Lab Sample ID: P5091-06

% Solids: 73.8 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	6300	*	12/24/2024	0016
7440-36-0	Antimony	4.4	J	12/24/2024	0016
7440-38-2	Arsenic	13		12/24/2024	0016
7440-39-3	Barium	250	*	12/24/2024	0016
7440-41-7	Beryllium	0.80		12/24/2024	0016
7440-43-9	Cadmium	2.3		12/24/2024	0016
7440-70-2	Calcium	16000	*	12/24/2024	0016
7440-47-3	Chromium	16	*	12/24/2024	0016
7440-48-4	Cobalt	12	*	12/24/2024	0016
7440-50-8	Copper	36		12/24/2024	0016
7439-89-6	Iron	19000	*	12/24/2024	0016
7439-92-1	Lead	330		12/24/2024	0016
7439-95-4	Magnesium	4100	*	12/24/2024	0016
7439-96-5	Manganese	810	*	12/24/2024	0016
7440-02-0	Nickel	24		12/24/2024	0016
7440-09-7	Potassium	1100		12/24/2024	0016
7782-49-2	Selenium	8.9	*	12/24/2024	0016
7440-22-4	Silver	0.12	J*	12/24/2024	0016
7440-23-5	Sodium	540	U	12/24/2024	0016
7440-28-0	Thallium	2.7	U*	12/24/2024	0016
7440-62-2	Vanadium	17		12/24/2024	0016
7440-66-6	Zinc	640		12/24/2024	0016

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

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MBHLS0

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHLR4

Matrix: SOIL Lab Sample ID: P5091-07

% Solids: 80.6 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	6400	*	12/24/2024	0020
7440-36-0	Antimony	4.4	J	12/24/2024	0020
7440-38-2	Arsenic	15		12/24/2024	0020
7440-39-3	Barium	190	*	12/24/2024	0020
7440-41-7	Beryllium	0.78		12/24/2024	0020
7440-43-9	Cadmium	2.1		12/24/2024	0020
7440-70-2	Calcium	17000	*	12/24/2024	0020
7440-47-3	Chromium	13	*	12/24/2024	0020
7440-48-4	Cobalt	11	*	12/24/2024	0020
7440-50-8	Copper	30		12/24/2024	0020
7439-89-6	Iron	19000	*	12/24/2024	0020
7439-92-1	Lead	250		12/24/2024	0020
7439-95-4	Magnesium	3700	*	12/24/2024	0020
7439-96-5	Manganese	880	*	12/24/2024	0020
7440-02-0	Nickel	19		12/24/2024	0020
7440-09-7	Potassium	930		12/24/2024	0020
7782-49-2	Selenium	9.0	*	12/24/2024	0020
7440-22-4	Silver	0.097	J*	12/24/2024	0020
7440-23-5	Sodium	450	U	12/24/2024	0020
7440-28-0	Thallium	2.3	U*	12/24/2024	0020
7440-62-2	Vanadium	17		12/24/2024	0020
7440-66-6	Zinc	460		12/24/2024	0020

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

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MBHLS1

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHLR4
 Matrix: SOIL Lab Sample ID: P5091-10
 % Solids: 83.7 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	6200	*	12/24/2024	0035
7440-36-0	Antimony	4.0	J	12/24/2024	0035
7440-38-2	Arsenic	13		12/24/2024	0035
7440-39-3	Barium	160	*	12/24/2024	0035
7440-41-7	Beryllium	0.71		12/24/2024	0035
7440-43-9	Cadmium	1.1		12/24/2024	0035
7440-70-2	Calcium	28000	*	12/24/2024	0035
7440-47-3	Chromium	12	*	12/24/2024	0035
7440-48-4	Cobalt	12	*	12/24/2024	0035
7440-50-8	Copper	20		12/24/2024	0035
7439-89-6	Iron	17000	*	12/24/2024	0035
7439-92-1	Lead	120		12/24/2024	0035
7439-95-4	Magnesium	8200	*	12/24/2024	0035
7439-96-5	Manganese	1100	*	12/24/2024	0035
7440-02-0	Nickel	16		12/24/2024	0035
7440-09-7	Potassium	820		12/24/2024	0035
7782-49-2	Selenium	7.2	*	12/24/2024	0035
7440-22-4	Silver	0.12	J*	12/24/2024	0035
7440-23-5	Sodium	520	U	12/24/2024	0035
7440-28-0	Thallium	2.6	U*	12/24/2024	0035
7440-62-2	Vanadium	15		12/24/2024	0035
7440-66-6	Zinc	210		12/24/2024	0035

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

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MBHLS2

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHLR4

Matrix: SOIL Lab Sample ID: P5091-11

% Solids: 90.1 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	4000	*	12/24/2024	0039
7440-36-0	Antimony	3.1	J	12/24/2024	0039
7440-38-2	Arsenic	10		12/24/2024	0039
7440-39-3	Barium	87	*	12/24/2024	0039
7440-41-7	Beryllium	0.47		12/24/2024	0039
7440-43-9	Cadmium	0.59		12/24/2024	0039
7440-70-2	Calcium	73000	D*	01/04/2025	0125
7440-47-3	Chromium	7.2	*	12/24/2024	0039
7440-48-4	Cobalt	11	*	12/24/2024	0039
7440-50-8	Copper	15		12/24/2024	0039
7439-89-6	Iron	14000	*	12/24/2024	0039
7439-92-1	Lead	40		12/24/2024	0039
7439-95-4	Magnesium	12000	*	12/24/2024	0039
7439-96-5	Manganese	920	*	12/24/2024	0039
7440-02-0	Nickel	14		12/24/2024	0039
7440-09-7	Potassium	500		12/24/2024	0039
7782-49-2	Selenium	4.7	*	12/24/2024	0039
7440-22-4	Silver	0.77	U*	12/24/2024	0039
7440-23-5	Sodium	380	U	12/24/2024	0039
7440-28-0	Thallium	1.9	U*	12/24/2024	0039
7440-62-2	Vanadium	12		12/24/2024	0039
7440-66-6	Zinc	83		12/24/2024	0039

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

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MBHLS3

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHLR4
 Matrix: SOIL Lab Sample ID: P5091-12
 % Solids: 92.7 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	3000	*	12/24/2024	0050
7440-36-0	Antimony	2.0	J	12/24/2024	0050
7440-38-2	Arsenic	11		12/24/2024	0050
7440-39-3	Barium	67	*	12/24/2024	0050
7440-41-7	Beryllium	0.35	J	12/24/2024	0050
7440-43-9	Cadmium	0.40	J	12/24/2024	0050
7440-70-2	Calcium	140000	D*	01/04/2025	0129
7440-47-3	Chromium	6.0	*	12/24/2024	0050
7440-48-4	Cobalt	13	*	12/24/2024	0050
7440-50-8	Copper	17		12/24/2024	0050
7439-89-6	Iron	11000	*	12/24/2024	0050
7439-92-1	Lead	27		12/24/2024	0050
7439-95-4	Magnesium	16000	*	12/24/2024	0050
7439-96-5	Manganese	990	*	12/24/2024	0050
7440-02-0	Nickel	11		12/24/2024	0050
7440-09-7	Potassium	590		12/24/2024	0050
7782-49-2	Selenium	2.1	J*	12/24/2024	0050
7440-22-4	Silver	0.89	U*	12/24/2024	0050
7440-23-5	Sodium	450	U	12/24/2024	0050
7440-28-0	Thallium	2.2	U*	12/24/2024	0050
7440-62-2	Vanadium	8.6		12/24/2024	0050
7440-66-6	Zinc	68		12/24/2024	0050

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

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MBHLS4

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHLR4
 Matrix: SOIL Lab Sample ID: P5091-13
 % Solids: 89.7 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	3100	*	12/24/2024	0054
7440-36-0	Antimony	1.6	J	12/24/2024	0054
7440-38-2	Arsenic	4.6		12/24/2024	0054
7440-39-3	Barium	49	*	12/24/2024	0054
7440-41-7	Beryllium	0.36	J	12/24/2024	0054
7440-43-9	Cadmium	0.30	J	12/24/2024	0054
7440-70-2	Calcium	130000	D*	01/04/2025	0133
7440-47-3	Chromium	5.4	*	12/24/2024	0054
7440-48-4	Cobalt	10	*	12/24/2024	0054
7440-50-8	Copper	23		12/24/2024	0054
7439-89-6	Iron	9800	*	12/24/2024	0054
7439-92-1	Lead	22		12/24/2024	0054
7439-95-4	Magnesium	21000	*	12/24/2024	0054
7439-96-5	Manganese	830	*	12/24/2024	0054
7440-02-0	Nickel	9.5		12/24/2024	0054
7440-09-7	Potassium	700		12/24/2024	0054
7782-49-2	Selenium	1.2	J*	12/24/2024	0054
7440-22-4	Silver	0.90	U*	12/24/2024	0054
7440-23-5	Sodium	450	U	12/24/2024	0054
7440-28-0	Thallium	2.3	U*	12/24/2024	0054
7440-62-2	Vanadium	9.8		12/24/2024	0054
7440-66-6	Zinc	44		12/24/2024	0054

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

Comments:

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MBHLS5

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHLR4
 Matrix: SOIL Lab Sample ID: P5091-14
 % 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	6600	*	12/24/2024	0058
7440-36-0	Antimony	3.1	J	12/24/2024	0058
7440-38-2	Arsenic	8.5		12/24/2024	0058
7440-39-3	Barium	130	*	12/24/2024	0058
7440-41-7	Beryllium	0.72		12/24/2024	0058
7440-43-9	Cadmium	0.76		12/24/2024	0058
7440-70-2	Calcium	14000	*	12/24/2024	0058
7440-47-3	Chromium	13	*	12/24/2024	0058
7440-48-4	Cobalt	9.9	*	12/24/2024	0058
7440-50-8	Copper	27		12/24/2024	0058
7439-89-6	Iron	14000	*	12/24/2024	0058
7439-92-1	Lead	110		12/24/2024	0058
7439-95-4	Magnesium	4300	*	12/24/2024	0058
7439-96-5	Manganese	420	*	12/24/2024	0058
7440-02-0	Nickel	20		12/24/2024	0058
7440-09-7	Potassium	1200		12/24/2024	0058
7782-49-2	Selenium	6.3	*	12/24/2024	0058
7440-22-4	Silver	0.94	U*	12/24/2024	0058
7440-23-5	Sodium	470	U	12/24/2024	0058
7440-28-0	Thallium	2.3	U*	12/24/2024	0058
7440-62-2	Vanadium	17		12/24/2024	0058
7440-66-6	Zinc	160		12/24/2024	0058

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

Comments:

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MBHLS6

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHLR4
 Matrix: SOIL Lab Sample ID: P5091-15
 % Solids: 77.9 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	6900	*	12/24/2024	0102
7440-36-0	Antimony	4.7	J	12/24/2024	0102
7440-38-2	Arsenic	11		12/24/2024	0102
7440-39-3	Barium	140	*	12/24/2024	0102
7440-41-7	Beryllium	0.88		12/24/2024	0102
7440-43-9	Cadmium	0.85		12/24/2024	0102
7440-70-2	Calcium	15000	*	12/24/2024	0102
7440-47-3	Chromium	13	*	12/24/2024	0102
7440-48-4	Cobalt	11	*	12/24/2024	0102
7440-50-8	Copper	26		12/24/2024	0102
7439-89-6	Iron	19000	*	12/24/2024	0102
7439-92-1	Lead	130		12/24/2024	0102
7439-95-4	Magnesium	4500	*	12/24/2024	0102
7439-96-5	Manganese	440	*	12/24/2024	0102
7440-02-0	Nickel	19		12/24/2024	0102
7440-09-7	Potassium	1200		12/24/2024	0102
7782-49-2	Selenium	8.7	*	12/24/2024	0102
7440-22-4	Silver	0.92	U*	12/24/2024	0102
7440-23-5	Sodium	460	U	12/24/2024	0102
7440-28-0	Thallium	2.3	U*	12/24/2024	0102
7440-62-2	Vanadium	18		12/24/2024	0102
7440-66-6	Zinc	160		12/24/2024	0102

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

Comments:

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MBHLS7

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHLR4

Matrix: SOIL Lab Sample ID: P5091-16

% Solids: 85.6 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	7100	*	12/24/2024	0106
7440-36-0	Antimony	3.4	J	12/24/2024	0106
7440-38-2	Arsenic	12		12/24/2024	0106
7440-39-3	Barium	140	*	12/24/2024	0106
7440-41-7	Beryllium	0.78		12/24/2024	0106
7440-43-9	Cadmium	0.69		12/24/2024	0106
7440-70-2	Calcium	12000	*	12/24/2024	0106
7440-47-3	Chromium	12	*	12/24/2024	0106
7440-48-4	Cobalt	11	*	12/24/2024	0106
7440-50-8	Copper	23		12/24/2024	0106
7439-89-6	Iron	15000	*	12/24/2024	0106
7439-92-1	Lead	110		12/24/2024	0106
7439-95-4	Magnesium	4000	*	12/24/2024	0106
7439-96-5	Manganese	410	*	12/24/2024	0106
7440-02-0	Nickel	18		12/24/2024	0106
7440-09-7	Potassium	910		12/24/2024	0106
7782-49-2	Selenium	6.5	*	12/24/2024	0106
7440-22-4	Silver	1.0	U*	12/24/2024	0106
7440-23-5	Sodium	500	U	12/24/2024	0106
7440-28-0	Thallium	2.5	U*	12/24/2024	0106
7440-62-2	Vanadium	18		12/24/2024	0106
7440-66-6	Zinc	130		12/24/2024	0106

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

Comments:

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MBHLS8

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHLR4

Matrix: SOIL Lab Sample ID: P5091-17

% Solids: 88.7 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	*	12/24/2024	0110
7440-36-0	Antimony	3.1	J	12/24/2024	0110
7440-38-2	Arsenic	9.1		12/24/2024	0110
7440-39-3	Barium	97	*	12/24/2024	0110
7440-41-7	Beryllium	0.68		12/24/2024	0110
7440-43-9	Cadmium	0.43		12/24/2024	0110
7440-70-2	Calcium	18000	*	12/24/2024	0110
7440-47-3	Chromium	10	*	12/24/2024	0110
7440-48-4	Cobalt	9.7	*	12/24/2024	0110
7440-50-8	Copper	10		12/24/2024	0110
7439-89-6	Iron	14000	*	12/24/2024	0110
7439-92-1	Lead	35		12/24/2024	0110
7439-95-4	Magnesium	6000	*	12/24/2024	0110
7439-96-5	Manganese	320	*	12/24/2024	0110
7440-02-0	Nickel	13		12/24/2024	0110
7440-09-7	Potassium	540		12/24/2024	0110
7782-49-2	Selenium	5.5	*	12/24/2024	0110
7440-22-4	Silver	0.86	U*	12/24/2024	0110
7440-23-5	Sodium	430	U	12/24/2024	0110
7440-28-0	Thallium	2.2	U*	12/24/2024	0110
7440-62-2	Vanadium	17		12/24/2024	0110
7440-66-6	Zinc	67		12/24/2024	0110

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

Comments:

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MBHLS9

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHLR4

Matrix: SOIL Lab Sample ID: P5091-18

% Solids: 93.6 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	3900	*	12/24/2024	0113
7440-36-0	Antimony	2.1	J	12/24/2024	0113
7440-38-2	Arsenic	4.7		12/24/2024	0113
7440-39-3	Barium	41	*	12/24/2024	0113
7440-41-7	Beryllium	0.42		12/24/2024	0113
7440-43-9	Cadmium	0.26	J	12/24/2024	0113
7440-70-2	Calcium	75000	D*	01/04/2025	0137
7440-47-3	Chromium	6.8	*	12/24/2024	0113
7440-48-4	Cobalt	7.9	*	12/24/2024	0113
7440-50-8	Copper	7.8		12/24/2024	0113
7439-89-6	Iron	9900	*	12/24/2024	0113
7439-92-1	Lead	18		12/24/2024	0113
7439-95-4	Magnesium	18000	*	12/24/2024	0113
7439-96-5	Manganese	340	*	12/24/2024	0113
7440-02-0	Nickel	8.6		12/24/2024	0113
7440-09-7	Potassium	310	J	12/24/2024	0113
7782-49-2	Selenium	2.4	J*	12/24/2024	0113
7440-22-4	Silver	0.74	U*	12/24/2024	0113
7440-23-5	Sodium	370	U	12/24/2024	0113
7440-28-0	Thallium	1.9	U*	12/24/2024	0113
7440-62-2	Vanadium	12		12/24/2024	0113
7440-66-6	Zinc	52		12/24/2024	0113

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

Comments:

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MBHLT0

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHLR4

Matrix: SOIL Lab Sample ID: P5091-19

% Solids: 93.6 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	3500	*	12/24/2024	0117
7440-36-0	Antimony	1.9	J	12/24/2024	0117
7440-38-2	Arsenic	4.4		12/24/2024	0117
7440-39-3	Barium	38	*	12/24/2024	0117
7440-41-7	Beryllium	0.39	J	12/24/2024	0117
7440-43-9	Cadmium	0.33	J	12/24/2024	0117
7440-70-2	Calcium	100000	D*	01/04/2025	0141
7440-47-3	Chromium	6.3	*	12/24/2024	0117
7440-48-4	Cobalt	8.7	*	12/24/2024	0117
7440-50-8	Copper	9.9		12/24/2024	0117
7439-89-6	Iron	9500	*	12/24/2024	0117
7439-92-1	Lead	17		12/24/2024	0117
7439-95-4	Magnesium	16000	*	12/24/2024	0117
7439-96-5	Manganese	450	*	12/24/2024	0117
7440-02-0	Nickel	9.5		12/24/2024	0117
7440-09-7	Potassium	390	J	12/24/2024	0117
7782-49-2	Selenium	1.5	J*	12/24/2024	0117
7440-22-4	Silver	0.81	U*	12/24/2024	0117
7440-23-5	Sodium	410	U	12/24/2024	0117
7440-28-0	Thallium	2.0	U*	12/24/2024	0117
7440-62-2	Vanadium	10		12/24/2024	0117
7440-66-6	Zinc	49		12/24/2024	0117

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

Comments:

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MBHLT1

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHLR4

Matrix: SOIL Lab Sample ID: P5091-20

% Solids: 92.7 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	2900	*	12/24/2024	0121
7440-36-0	Antimony	1.6	J	12/24/2024	0121
7440-38-2	Arsenic	3.8		12/24/2024	0121
7440-39-3	Barium	53	*	12/24/2024	0121
7440-41-7	Beryllium	0.39	J	12/24/2024	0121
7440-43-9	Cadmium	0.45		12/24/2024	0121
7440-70-2	Calcium	190000	D*	01/04/2025	0145
7440-47-3	Chromium	5.1	*	12/24/2024	0121
7440-48-4	Cobalt	11	*	12/24/2024	0121
7440-50-8	Copper	15		12/24/2024	0121
7439-89-6	Iron	9200	*	12/24/2024	0121
7439-92-1	Lead	15		12/24/2024	0121
7439-95-4	Magnesium	12000	*	12/24/2024	0121
7439-96-5	Manganese	710	*	12/24/2024	0121
7440-02-0	Nickel	11		12/24/2024	0121
7440-09-7	Potassium	720		12/24/2024	0121
7782-49-2	Selenium	3.1	U*	12/24/2024	0121
7440-22-4	Silver	0.88	U*	12/24/2024	0121
7440-23-5	Sodium	440	U	12/24/2024	0121
7440-28-0	Thallium	1.2	J*	12/24/2024	0121
7440-62-2	Vanadium	6.1		12/24/2024	0121
7440-66-6	Zinc	44		12/24/2024	0121

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

Comments:

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MBHLT2

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHLR4

Matrix: SOIL Lab Sample ID: P5091-21

% Solids: 79.4 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	5300	*	12/24/2024	0125
7440-36-0	Antimony	4.0	J	12/24/2024	0125
7440-38-2	Arsenic	11		12/24/2024	0125
7440-39-3	Barium	140	*	12/24/2024	0125
7440-41-7	Beryllium	0.67		12/24/2024	0125
7440-43-9	Cadmium	0.94		12/24/2024	0125
7440-70-2	Calcium	15000	*	12/24/2024	0125
7440-47-3	Chromium	13	*	12/24/2024	0125
7440-48-4	Cobalt	9.0	*	12/24/2024	0125
7440-50-8	Copper	32		12/24/2024	0125
7439-89-6	Iron	16000	*	12/24/2024	0125
7439-92-1	Lead	200		12/24/2024	0125
7439-95-4	Magnesium	3500	*	12/24/2024	0125
7439-96-5	Manganese	630	*	12/24/2024	0125
7440-02-0	Nickel	17		12/24/2024	0125
7440-09-7	Potassium	640		12/24/2024	0125
7782-49-2	Selenium	7.3	*	12/24/2024	0125
7440-22-4	Silver	0.85	U*	12/24/2024	0125
7440-23-5	Sodium	430	U	12/24/2024	0125
7440-28-0	Thallium	2.1	U*	12/24/2024	0125
7440-62-2	Vanadium	17		12/24/2024	0125
7440-66-6	Zinc	200		12/24/2024	0125

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

Comments:

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MBHLT3

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHLR4

Matrix: SOIL Lab Sample ID: P5091-22

% Solids: 81 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	*	12/24/2024	0129
7440-36-0	Antimony	4.4	J	12/24/2024	0129
7440-38-2	Arsenic	12		12/24/2024	0129
7440-39-3	Barium	130	*	12/24/2024	0129
7440-41-7	Beryllium	0.72		12/24/2024	0129
7440-43-9	Cadmium	1.0		12/24/2024	0129
7440-70-2	Calcium	18000	*	12/24/2024	0129
7440-47-3	Chromium	13	*	12/24/2024	0129
7440-48-4	Cobalt	9.6	*	12/24/2024	0129
7440-50-8	Copper	26		12/24/2024	0129
7439-89-6	Iron	19000	*	12/24/2024	0129
7439-92-1	Lead	190		12/24/2024	0129
7439-95-4	Magnesium	4500	*	12/24/2024	0129
7439-96-5	Manganese	680	*	12/24/2024	0129
7440-02-0	Nickel	17		12/24/2024	0129
7440-09-7	Potassium	520		12/24/2024	0129
7782-49-2	Selenium	8.6	*	12/24/2024	0129
7440-22-4	Silver	0.94	U*	12/24/2024	0129
7440-23-5	Sodium	470	U	12/24/2024	0129
7440-28-0	Thallium	2.4	U*	12/24/2024	0129
7440-62-2	Vanadium	16		12/24/2024	0129
7440-66-6	Zinc	200		12/24/2024	0129

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

Comments: