

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MC0PI0

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

Lab Code: ACE Case No.: 51716 MA No. : SDG No.: MC0PI1

Matrix: SOIL Lab Sample ID: P4584-03

% Solids: 70.7 Date Received: 10/29/2024

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		11/17/2024	2337
7440-36-0	Antimony	1.7	J	11/17/2024	2337
7440-38-2	Arsenic	1.0	U	11/17/2024	2337
7440-39-3	Barium	96		11/17/2024	2337
7440-41-7	Beryllium	2.5		11/17/2024	2337
7440-43-9	Cadmium	0.64		11/17/2024	2337
7440-70-2	Calcium	1200		11/17/2024	2337
7440-47-3	Chromium	26		11/17/2024	2337
7440-48-4	Cobalt	7.1		11/17/2024	2337
7440-50-8	Copper	6.0		11/17/2024	2337
7439-89-6	Iron	45000		11/17/2024	2337
7439-92-1	Lead	17	*	11/17/2024	2337
7439-95-4	Magnesium	1100		11/17/2024	2337
7439-96-5	Manganese	29		11/17/2024	2337
7440-02-0	Nickel	10		11/17/2024	2337
7440-09-7	Potassium	1400		11/17/2024	2337
7782-49-2	Selenium	3.5	U*	11/17/2024	2337
7440-22-4	Silver	1.0	U	11/17/2024	2337
7440-23-5	Sodium	220	J	11/17/2024	2337
7440-28-0	Thallium	2.5	U	11/17/2024	2337
7440-62-2	Vanadium	38		11/17/2024	2337
7440-66-6	Zinc	25		11/17/2024	2337

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

Comments:

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MC0PI1

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

Lab Code: ACE Case No.: 51716 MA No. : SDG No.: MC0PI1

Matrix: Water Lab Sample ID: P4584-01

% Solids: Date Received: 10/26/2024

Analytical Method: ICP_AES

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	60	J	10/31/2024	0705
7440-36-0	Antimony	60	U	10/31/2024	0705
7440-38-2	Arsenic	10	U	10/31/2024	0705
7440-39-3	Barium	200	U	10/31/2024	0705
7440-41-7	Beryllium	5.0	U	10/31/2024	0705
7440-43-9	Cadmium	5.0	U	10/31/2024	0705
7440-70-2	Calcium	5000	U	10/31/2024	0705
7440-47-3	Chromium	10	U	10/31/2024	0705
7440-48-4	Cobalt	50	U	10/31/2024	0705
7440-50-8	Copper	25	U	10/31/2024	0705
7439-89-6	Iron	100	U	10/31/2024	0705
7439-92-1	Lead	10	U	10/31/2024	0705
7439-95-4	Magnesium	5000	U	10/31/2024	0705
7439-96-5	Manganese	15	U	10/31/2024	0705
7440-02-0	Nickel	40	U	10/31/2024	0705
7440-09-7	Potassium	5000	U	10/31/2024	0705
7782-49-2	Selenium	35	U	10/31/2024	0705
7440-22-4	Silver	10	U	10/31/2024	0705
7440-23-5	Sodium	5000	U	10/31/2024	0705
7440-28-0	Thallium	25	U	10/31/2024	0705
7440-62-2	Vanadium	50	U	10/31/2024	0705
7440-66-6	Zinc	60	U	10/31/2024	0705

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

Comments:

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MCC0Q4

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

Lab Code: ACE Case No.: 51716 MA No. : SDG No.: MC0PI1

Matrix: SOIL Lab Sample ID: P4584-04

% Solids: 79.3 Date Received: 10/29/2024

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	9000		11/17/2024	2341
7440-36-0	Antimony	17		11/17/2024	2341
7440-38-2	Arsenic	31		11/17/2024	2341
7440-39-3	Barium	150		11/17/2024	2341
7440-41-7	Beryllium	0.79		11/17/2024	2341
7440-43-9	Cadmium	3.7		11/17/2024	2341
7440-70-2	Calcium	18000		11/17/2024	2341
7440-47-3	Chromium	38		11/17/2024	2341
7440-48-4	Cobalt	5.8		11/17/2024	2341
7440-50-8	Copper	380		11/17/2024	2341
7439-89-6	Iron	38000		11/17/2024	2341
7439-92-1	Lead	78	*	11/17/2024	2341
7439-95-4	Magnesium	1700		11/17/2024	2341
7439-96-5	Manganese	290		11/17/2024	2341
7440-02-0	Nickel	23		11/17/2024	2341
7440-09-7	Potassium	1000		11/17/2024	2341
7782-49-2	Selenium	4.0	U*	11/17/2024	2341
7440-22-4	Silver	1.1	U	11/17/2024	2341
7440-23-5	Sodium	300	J	11/17/2024	2341
7440-28-0	Thallium	2.8	U	11/17/2024	2341
7440-62-2	Vanadium	22		11/17/2024	2341
7440-66-6	Zinc	540		11/17/2024	2341

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

Comments:

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MCC0Q5

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

Lab Code: ACE Case No.: 51716 MA No. : SDG No.: MC0PI1

Matrix: SOIL Lab Sample ID: P4584-05

% Solids: 77.4 Date Received: 10/29/2024

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	13000		11/17/2024	2345
7440-36-0	Antimony	17		11/17/2024	2345
7440-38-2	Arsenic	57		11/17/2024	2345
7440-39-3	Barium	160		11/17/2024	2345
7440-41-7	Beryllium	0.84		11/17/2024	2345
7440-43-9	Cadmium	7.8		11/17/2024	2345
7440-70-2	Calcium	51000		11/17/2024	2345
7440-47-3	Chromium	56		11/17/2024	2345
7440-48-4	Cobalt	9.3		11/17/2024	2345
7440-50-8	Copper	920		11/17/2024	2345
7439-89-6	Iron	48000		11/17/2024	2345
7439-92-1	Lead	140	*	11/17/2024	2345
7439-95-4	Magnesium	8200		11/17/2024	2345
7439-96-5	Manganese	530		11/17/2024	2345
7440-02-0	Nickel	32		11/17/2024	2345
7440-09-7	Potassium	1100		11/17/2024	2345
7782-49-2	Selenium	3.5	U*	11/17/2024	2345
7440-22-4	Silver	1.0	U	11/17/2024	2345
7440-23-5	Sodium	690		11/17/2024	2345
7440-28-0	Thallium	2.5	U	11/17/2024	2345
7440-62-2	Vanadium	42		11/17/2024	2345
7440-66-6	Zinc	680		11/17/2024	2345

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

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MCC0Q6

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

Lab Code: ACE Case No.: 51716 MA No. : SDG No.: MC0PI1

Matrix: SOIL Lab Sample ID: P4584-06

% Solids: 92.8 Date Received: 10/29/2024

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	2800		11/17/2024	2350
7440-36-0	Antimony	2.6	J	11/17/2024	2350
7440-38-2	Arsenic	3.4		11/17/2024	2350
7440-39-3	Barium	18		11/17/2024	2350
7440-41-7	Beryllium	0.32	J	11/17/2024	2350
7440-43-9	Cadmium	0.056	J	11/17/2024	2350
7440-70-2	Calcium	950		11/17/2024	2350
7440-47-3	Chromium	12		11/17/2024	2350
7440-48-4	Cobalt	2.1	J	11/17/2024	2350
7440-50-8	Copper	22		11/17/2024	2350
7439-89-6	Iron	4800		11/17/2024	2350
7439-92-1	Lead	6.8	*	11/17/2024	2350
7439-95-4	Magnesium	390		11/17/2024	2350
7439-96-5	Manganese	55		11/17/2024	2350
7440-02-0	Nickel	2.5	J	11/17/2024	2350
7440-09-7	Potassium	250	J	11/17/2024	2350
7782-49-2	Selenium	2.8	U*	11/17/2024	2350
7440-22-4	Silver	0.79	U	11/17/2024	2350
7440-23-5	Sodium	390	U	11/17/2024	2350
7440-28-0	Thallium	2.0	U	11/17/2024	2350
7440-62-2	Vanadium	9.0		11/17/2024	2350
7440-66-6	Zinc	21		11/17/2024	2350

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

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MCC0Q7

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

Lab Code: ACE Case No.: 51716 MA No. : SDG No.: MC0PI1

Matrix: SOIL Lab Sample ID: P4584-07

% Solids: 85 Date Received: 10/29/2024

Analytical Method: ICP_AES

Concentration Units (µg/L, mg/L, mg/kg dry weight, µg, or µg/cm²): mg/kg

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	9600		11/17/2024	2354
7440-36-0	Antimony	22		11/17/2024	2354
7440-38-2	Arsenic	42		11/17/2024	2354
7440-39-3	Barium	170		11/17/2024	2354
7440-41-7	Beryllium	0.79		11/17/2024	2354
7440-43-9	Cadmium	3.1		11/17/2024	2354
7440-70-2	Calcium	14000		11/17/2024	2354
7440-47-3	Chromium	63		11/17/2024	2354
7440-48-4	Cobalt	7.8		11/17/2024	2354
7440-50-8	Copper	450		11/17/2024	2354
7439-89-6	Iron	53000		11/17/2024	2354
7439-92-1	Lead	120	*	11/17/2024	2354
7439-95-4	Magnesium	1700		11/17/2024	2354
7439-96-5	Manganese	390		11/17/2024	2354
7440-02-0	Nickel	20		11/17/2024	2354
7440-09-7	Potassium	960		11/17/2024	2354
7782-49-2	Selenium	3.7	U*	11/17/2024	2354
7440-22-4	Silver	1.1	U	11/17/2024	2354
7440-23-5	Sodium	360	J	11/17/2024	2354
7440-28-0	Thallium	2.7	U	11/17/2024	2354
7440-62-2	Vanadium	20		11/17/2024	2354
7440-66-6	Zinc	570		11/17/2024	2354

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

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MCC0Q8

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

Lab Code: ACE Case No.: 51716 MA No. : SDG No.: MC0PI1

Matrix: SOIL Lab Sample ID: P4584-08

% Solids: 84.6 Date Received: 10/29/2024

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	9300		11/17/2024	2359
7440-36-0	Antimony	14		11/17/2024	2359
7440-38-2	Arsenic	39		11/17/2024	2359
7440-39-3	Barium	170		11/17/2024	2359
7440-41-7	Beryllium	0.55		11/17/2024	2359
7440-43-9	Cadmium	2.4		11/17/2024	2359
7440-70-2	Calcium	15000		11/17/2024	2359
7440-47-3	Chromium	41		11/17/2024	2359
7440-48-4	Cobalt	6.2		11/17/2024	2359
7440-50-8	Copper	530		11/17/2024	2359
7439-89-6	Iron	26000		11/17/2024	2359
7439-92-1	Lead	110	*	11/17/2024	2359
7439-95-4	Magnesium	1500		11/17/2024	2359
7439-96-5	Manganese	310		11/17/2024	2359
7440-02-0	Nickel	22		11/17/2024	2359
7440-09-7	Potassium	950		11/17/2024	2359
7782-49-2	Selenium	3.3	U*	11/17/2024	2359
7440-22-4	Silver	0.95	U	11/17/2024	2359
7440-23-5	Sodium	230	J	11/17/2024	2359
7440-28-0	Thallium	2.4	U	11/17/2024	2359
7440-62-2	Vanadium	17		11/17/2024	2359
7440-66-6	Zinc	590		11/17/2024	2359

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

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MCC0Q9

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

Lab Code: ACE Case No.: 51716 MA No. : SDG No.: MC0PI1

Matrix: SOIL Lab Sample ID: P4584-09

% Solids: 95.9 Date Received: 10/29/2024

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		11/18/2024	0003
7440-36-0	Antimony	1.2	J	11/18/2024	0003
7440-38-2	Arsenic	1.4		11/18/2024	0003
7440-39-3	Barium	35		11/18/2024	0003
7440-41-7	Beryllium	0.53		11/18/2024	0003
7440-43-9	Cadmium	0.25	J	11/18/2024	0003
7440-70-2	Calcium	1000		11/18/2024	0003
7440-47-3	Chromium	10		11/18/2024	0003
7440-48-4	Cobalt	3.1	J	11/18/2024	0003
7440-50-8	Copper	28		11/18/2024	0003
7439-89-6	Iron	7400		11/18/2024	0003
7439-92-1	Lead	15	*	11/18/2024	0003
7439-95-4	Magnesium	580		11/18/2024	0003
7439-96-5	Manganese	230		11/18/2024	0003
7440-02-0	Nickel	3.9		11/18/2024	0003
7440-09-7	Potassium	360	J	11/18/2024	0003
7782-49-2	Selenium	3.0	U*	11/18/2024	0003
7440-22-4	Silver	0.87	U	11/18/2024	0003
7440-23-5	Sodium	430	U	11/18/2024	0003
7440-28-0	Thallium	2.2	U	11/18/2024	0003
7440-62-2	Vanadium	11		11/18/2024	0003
7440-66-6	Zinc	67		11/18/2024	0003

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

Comments:

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MCC0R0

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

Lab Code: ACE Case No.: 51716 MA No. : SDG No.: MC0PI1

Matrix: SOIL Lab Sample ID: P4584-10

% Solids: 87.1 Date Received: 10/29/2024

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		11/18/2024	0016
7440-36-0	Antimony	9.8		11/18/2024	0016
7440-38-2	Arsenic	15		11/18/2024	0016
7440-39-3	Barium	110		11/18/2024	0016
7440-41-7	Beryllium	0.49	J	11/18/2024	0016
7440-43-9	Cadmium	2.7		11/18/2024	0016
7440-70-2	Calcium	7000		11/18/2024	0016
7440-47-3	Chromium	23		11/18/2024	0016
7440-48-4	Cobalt	5.5		11/18/2024	0016
7440-50-8	Copper	220		11/18/2024	0016
7439-89-6	Iron	13000		11/18/2024	0016
7439-92-1	Lead	980	*	11/18/2024	0016
7439-95-4	Magnesium	840		11/18/2024	0016
7439-96-5	Manganese	400		11/18/2024	0016
7440-02-0	Nickel	11		11/18/2024	0016
7440-09-7	Potassium	430	J	11/18/2024	0016
7782-49-2	Selenium	3.7	U*	11/18/2024	0016
7440-22-4	Silver	1.0	U	11/18/2024	0016
7440-23-5	Sodium	160	J	11/18/2024	0016
7440-28-0	Thallium	2.6	U	11/18/2024	0016
7440-62-2	Vanadium	13		11/18/2024	0016
7440-66-6	Zinc	590		11/18/2024	0016

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

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MCC0R1

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

Lab Code: ACE Case No.: 51716 MA No. : SDG No.: MC0PI1

Matrix: SOIL Lab Sample ID: P4584-11

% Solids: 77.9 Date Received: 10/29/2024

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		11/18/2024	0021
7440-36-0	Antimony	1.2	J	11/18/2024	0021
7440-38-2	Arsenic	2.1		11/18/2024	0021
7440-39-3	Barium	49		11/18/2024	0021
7440-41-7	Beryllium	0.45	J	11/18/2024	0021
7440-43-9	Cadmium	1.6		11/18/2024	0021
7440-70-2	Calcium	2200		11/18/2024	0021
7440-47-3	Chromium	25		11/18/2024	0021
7440-48-4	Cobalt	3.7	J	11/18/2024	0021
7440-50-8	Copper	29		11/18/2024	0021
7439-89-6	Iron	15000		11/18/2024	0021
7439-92-1	Lead	120	*	11/18/2024	0021
7439-95-4	Magnesium	580		11/18/2024	0021
7439-96-5	Manganese	210		11/18/2024	0021
7440-02-0	Nickel	7.2		11/18/2024	0021
7440-09-7	Potassium	320	J	11/18/2024	0021
7782-49-2	Selenium	3.2	U*	11/18/2024	0021
7440-22-4	Silver	0.92	U	11/18/2024	0021
7440-23-5	Sodium	120	J	11/18/2024	0021
7440-28-0	Thallium	2.3	U	11/18/2024	0021
7440-62-2	Vanadium	11		11/18/2024	0021
7440-66-6	Zinc	170		11/18/2024	0021

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

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MCC0R2

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

Lab Code: ACE Case No.: 51716 MA No. : SDG No.: MC0PI1

Matrix: SOIL Lab Sample ID: P4584-12

% Solids: 73.8 Date Received: 10/29/2024

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		11/18/2024	0025
7440-36-0	Antimony	1.3	J	11/18/2024	0025
7440-38-2	Arsenic	4.9		11/18/2024	0025
7440-39-3	Barium	220		11/18/2024	0025
7440-41-7	Beryllium	0.49	J	11/18/2024	0025
7440-43-9	Cadmium	0.73		11/18/2024	0025
7440-70-2	Calcium	7000		11/18/2024	0025
7440-47-3	Chromium	19		11/18/2024	0025
7440-48-4	Cobalt	5.7		11/18/2024	0025
7440-50-8	Copper	23		11/18/2024	0025
7439-89-6	Iron	11000		11/18/2024	0025
7439-92-1	Lead	700	*	11/18/2024	0025
7439-95-4	Magnesium	1600		11/18/2024	0025
7439-96-5	Manganese	440		11/18/2024	0025
7440-02-0	Nickel	14		11/18/2024	0025
7440-09-7	Potassium	460	J	11/18/2024	0025
7782-49-2	Selenium	3.7	U*	11/18/2024	0025
7440-22-4	Silver	1.1	U	11/18/2024	0025
7440-23-5	Sodium	110	J	11/18/2024	0025
7440-28-0	Thallium	2.6	U	11/18/2024	0025
7440-62-2	Vanadium	13		11/18/2024	0025
7440-66-6	Zinc	1100		11/18/2024	0025

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MCC0R3

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51716 MA No. : SDG No.: MC0PI1
 Matrix: SOIL Lab Sample ID: P4584-13
 % Solids: 77.9 Date Received: 10/29/2024
 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		11/18/2024	0030
7440-36-0	Antimony	1.7	J	11/18/2024	0030
7440-38-2	Arsenic	13		11/18/2024	0030
7440-39-3	Barium	91		11/18/2024	0030
7440-41-7	Beryllium	0.56		11/18/2024	0030
7440-43-9	Cadmium	0.67		11/18/2024	0030
7440-70-2	Calcium	5600		11/18/2024	0030
7440-47-3	Chromium	19		11/18/2024	0030
7440-48-4	Cobalt	5.2		11/18/2024	0030
7440-50-8	Copper	41		11/18/2024	0030
7439-89-6	Iron	20000		11/18/2024	0030
7439-92-1	Lead	74	*	11/18/2024	0030
7439-95-4	Magnesium	1300		11/18/2024	0030
7439-96-5	Manganese	160		11/18/2024	0030
7440-02-0	Nickel	15		11/18/2024	0030
7440-09-7	Potassium	450	J	11/18/2024	0030
7782-49-2	Selenium	3.4	U*	11/18/2024	0030
7440-22-4	Silver	0.96	U	11/18/2024	0030
7440-23-5	Sodium	130	J	11/18/2024	0030
7440-28-0	Thallium	2.4	U	11/18/2024	0030
7440-62-2	Vanadium	14		11/18/2024	0030
7440-66-6	Zinc	160		11/18/2024	0030

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MCC0R4

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

Lab Code: ACE Case No.: 51716 MA No. : SDG No.: MC0PI1

Matrix: SOIL Lab Sample ID: P4584-14

% Solids: 71.6 Date Received: 10/29/2024

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		11/18/2024	0034
7440-36-0	Antimony	0.95	J	11/18/2024	0034
7440-38-2	Arsenic	2.1		11/18/2024	0034
7440-39-3	Barium	170		11/18/2024	0034
7440-41-7	Beryllium	0.40	J	11/18/2024	0034
7440-43-9	Cadmium	0.90		11/18/2024	0034
7440-70-2	Calcium	6700		11/18/2024	0034
7440-47-3	Chromium	17		11/18/2024	0034
7440-48-4	Cobalt	6.9		11/18/2024	0034
7440-50-8	Copper	21		11/18/2024	0034
7439-89-6	Iron	8900		11/18/2024	0034
7439-92-1	Lead	48	*	11/18/2024	0034
7439-95-4	Magnesium	1200		11/18/2024	0034
7439-96-5	Manganese	670		11/18/2024	0034
7440-02-0	Nickel	9.8		11/18/2024	0034
7440-09-7	Potassium	440	J	11/18/2024	0034
7782-49-2	Selenium	3.4	U*	11/18/2024	0034
7440-22-4	Silver	0.96	U	11/18/2024	0034
7440-23-5	Sodium	160	J	11/18/2024	0034
7440-28-0	Thallium	2.4	U	11/18/2024	0034
7440-62-2	Vanadium	13		11/18/2024	0034
7440-66-6	Zinc	200		11/18/2024	0034

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MCC0R5

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

Lab Code: ACE Case No.: 51716 MA No. : SDG No.: MC0PI1

Matrix: SOIL Lab Sample ID: P4584-15

% Solids: 95.4 Date Received: 10/29/2024

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	1900		11/18/2024	0039
7440-36-0	Antimony	0.48	J	11/18/2024	0039
7440-38-2	Arsenic	0.68	J	11/18/2024	0039
7440-39-3	Barium	12	J	11/18/2024	0039
7440-41-7	Beryllium	0.24	J	11/18/2024	0039
7440-43-9	Cadmium	0.42	U	11/18/2024	0039
7440-70-2	Calcium	120	J	11/18/2024	0039
7440-47-3	Chromium	7.0		11/18/2024	0039
7440-48-4	Cobalt	2.4	J	11/18/2024	0039
7440-50-8	Copper	0.93	J	11/18/2024	0039
7439-89-6	Iron	4600		11/18/2024	0039
7439-92-1	Lead	2.7	*	11/18/2024	0039
7439-95-4	Magnesium	250	J	11/18/2024	0039
7439-96-5	Manganese	42		11/18/2024	0039
7440-02-0	Nickel	1.6	J	11/18/2024	0039
7440-09-7	Potassium	210	J	11/18/2024	0039
7782-49-2	Selenium	3.0	U*	11/18/2024	0039
7440-22-4	Silver	0.85	U	11/18/2024	0039
7440-23-5	Sodium	420	U	11/18/2024	0039
7440-28-0	Thallium	2.1	U	11/18/2024	0039
7440-62-2	Vanadium	8.8		11/18/2024	0039
7440-66-6	Zinc	4.9	J	11/18/2024	0039

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MCC0R6

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

Lab Code: ACE Case No.: 51716 MA No. : SDG No.: MC0PI1

Matrix: SOIL Lab Sample ID: P4584-16

% Solids: 94.5 Date Received: 10/29/2024

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		11/18/2024	0043
7440-36-0	Antimony	0.72	J	11/18/2024	0043
7440-38-2	Arsenic	1.0		11/18/2024	0043
7440-39-3	Barium	19		11/18/2024	0043
7440-41-7	Beryllium	0.35	J	11/18/2024	0043
7440-43-9	Cadmium	0.11	J	11/18/2024	0043
7440-70-2	Calcium	680		11/18/2024	0043
7440-47-3	Chromium	5.2		11/18/2024	0043
7440-48-4	Cobalt	2.5	J	11/18/2024	0043
7440-50-8	Copper	9.4		11/18/2024	0043
7439-89-6	Iron	4100		11/18/2024	0043
7439-92-1	Lead	9.0	*	11/18/2024	0043
7439-95-4	Magnesium	290	J	11/18/2024	0043
7439-96-5	Manganese	82		11/18/2024	0043
7440-02-0	Nickel	3.3		11/18/2024	0043
7440-09-7	Potassium	180	J	11/18/2024	0043
7782-49-2	Selenium	2.6	U*	11/18/2024	0043
7440-22-4	Silver	0.75	U	11/18/2024	0043
7440-23-5	Sodium	380	U	11/18/2024	0043
7440-28-0	Thallium	1.9	U	11/18/2024	0043
7440-62-2	Vanadium	5.8		11/18/2024	0043
7440-66-6	Zinc	16		11/18/2024	0043

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MCC0R8

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

Lab Code: ACE Case No.: 51716 MA No. : SDG No.: MC0PI1

Matrix: SOIL Lab Sample ID: P4584-19

% Solids: 91.6 Date Received: 10/29/2024

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		11/18/2024	0101
7440-36-0	Antimony	0.74	J	11/18/2024	0101
7440-38-2	Arsenic	1.3		11/18/2024	0101
7440-39-3	Barium	24		11/18/2024	0101
7440-41-7	Beryllium	0.40	J	11/18/2024	0101
7440-43-9	Cadmium	0.034	J	11/18/2024	0101
7440-70-2	Calcium	280	J	11/18/2024	0101
7440-47-3	Chromium	20		11/18/2024	0101
7440-48-4	Cobalt	2.6	J	11/18/2024	0101
7440-50-8	Copper	3.8		11/18/2024	0101
7439-89-6	Iron	6400		11/18/2024	0101
7439-92-1	Lead	7.9	*	11/18/2024	0101
7439-95-4	Magnesium	490		11/18/2024	0101
7439-96-5	Manganese	60		11/18/2024	0101
7440-02-0	Nickel	13		11/18/2024	0101
7440-09-7	Potassium	330	J	11/18/2024	0101
7782-49-2	Selenium	3.0	U*	11/18/2024	0101
7440-22-4	Silver	0.85	U	11/18/2024	0101
7440-23-5	Sodium	430	U	11/18/2024	0101
7440-28-0	Thallium	2.1	U	11/18/2024	0101
7440-62-2	Vanadium	12		11/18/2024	0101
7440-66-6	Zinc	15		11/18/2024	0101

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

Comments: