

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MC0VL1

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

Lab Code: ACE Case No.: 51810 MA No. : SDG No.: MC0VL1

Matrix: SOIL Lab Sample ID: P4688-01

% Solids: 88.5 Date Received: 11/02/2024

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		11/18/2024	1408
7440-36-0	Antimony	0.71	J	11/18/2024	1408
7440-38-2	Arsenic	11		11/18/2024	1408
7440-39-3	Barium	61		11/18/2024	1408
7440-41-7	Beryllium	0.60		11/18/2024	1408
7440-43-9	Cadmium	0.52		11/18/2024	1408
7440-70-2	Calcium	1300		11/18/2024	1408
7440-47-3	Chromium	9.4		11/18/2024	1408
7440-48-4	Cobalt	6.0		11/18/2024	1408
7440-50-8	Copper	17		11/18/2024	1408
7439-89-6	Iron	18000		11/18/2024	1408
7439-92-1	Lead	56		11/18/2024	1408
7439-95-4	Magnesium	1300		11/18/2024	1408
7439-96-5	Manganese	250		11/18/2024	1408
7440-02-0	Nickel	17		11/18/2024	1408
7440-09-7	Potassium	370	J	11/18/2024	1408
7782-49-2	Selenium	3.5	U*	11/18/2024	1408
7440-22-4	Silver	1.0	U*	11/18/2024	1408
7440-23-5	Sodium	150	J	11/18/2024	1408
7440-28-0	Thallium	2.5	U	11/18/2024	1408
7440-62-2	Vanadium	16		11/18/2024	1408
7440-66-6	Zinc	75	*	11/18/2024	1408

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

Comments:

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MC0VL2

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

Lab Code: ACE Case No.: 51810 MA No. : SDG No.: MC0VL1

Matrix: SOIL Lab Sample ID: P4688-02

% Solids: 88.8 Date Received: 11/02/2024

Analytical Method: ICP_AES

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	8500		11/18/2024	1413
7440-36-0	Antimony	1.1	J	11/18/2024	1413
7440-38-2	Arsenic	15		11/18/2024	1413
7440-39-3	Barium	220		11/18/2024	1413
7440-41-7	Beryllium	1.0		11/18/2024	1413
7440-43-9	Cadmium	0.39	J	11/18/2024	1413
7440-70-2	Calcium	3200		11/18/2024	1413
7440-47-3	Chromium	9.7		11/18/2024	1413
7440-48-4	Cobalt	6.8		11/18/2024	1413
7440-50-8	Copper	23		11/18/2024	1413
7439-89-6	Iron	16000		11/18/2024	1413
7439-92-1	Lead	340		11/18/2024	1413
7439-95-4	Magnesium	1300		11/18/2024	1413
7439-96-5	Manganese	310		11/18/2024	1413
7440-02-0	Nickel	18		11/18/2024	1413
7440-09-7	Potassium	280	J	11/18/2024	1413
7782-49-2	Selenium	3.1	U*	11/18/2024	1413
7440-22-4	Silver	0.89	U*	11/18/2024	1413
7440-23-5	Sodium	230	J	11/18/2024	1413
7440-28-0	Thallium	2.2	U	11/18/2024	1413
7440-62-2	Vanadium	24		11/18/2024	1413
7440-66-6	Zinc	140	*	11/18/2024	1413

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

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MC0VL3

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

Lab Code: ACE Case No.: 51810 MA No. : SDG No.: MC0VL1

Matrix: SOIL Lab Sample ID: P4688-03

% Solids: 87.8 Date Received: 11/02/2024

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		11/18/2024	1417
7440-36-0	Antimony	1.1	J	11/18/2024	1417
7440-38-2	Arsenic	10		11/18/2024	1417
7440-39-3	Barium	39		11/18/2024	1417
7440-41-7	Beryllium	0.58		11/18/2024	1417
7440-43-9	Cadmium	0.77		11/18/2024	1417
7440-70-2	Calcium	550		11/18/2024	1417
7440-47-3	Chromium	12		11/18/2024	1417
7440-48-4	Cobalt	6.6		11/18/2024	1417
7440-50-8	Copper	24		11/18/2024	1417
7439-89-6	Iron	20000		11/18/2024	1417
7439-92-1	Lead	180		11/18/2024	1417
7439-95-4	Magnesium	1600		11/18/2024	1417
7439-96-5	Manganese	250		11/18/2024	1417
7440-02-0	Nickel	23		11/18/2024	1417
7440-09-7	Potassium	310	J	11/18/2024	1417
7782-49-2	Selenium	3.0	U*	11/18/2024	1417
7440-22-4	Silver	0.87	U*	11/18/2024	1417
7440-23-5	Sodium	120	J	11/18/2024	1417
7440-28-0	Thallium	2.2	U	11/18/2024	1417
7440-62-2	Vanadium	18		11/18/2024	1417
7440-66-6	Zinc	170	*	11/18/2024	1417

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

Comments:

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MC0VL4

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

Lab Code: ACE Case No.: 51810 MA No. : SDG No.: MC0VL1

Matrix: SOIL Lab Sample ID: P4688-04

% Solids: 91.3 Date Received: 11/02/2024

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		11/18/2024	1422
7440-36-0	Antimony	0.82	J	11/18/2024	1422
7440-38-2	Arsenic	12		11/18/2024	1422
7440-39-3	Barium	66		11/18/2024	1422
7440-41-7	Beryllium	0.64		11/18/2024	1422
7440-43-9	Cadmium	0.39	J	11/18/2024	1422
7440-70-2	Calcium	760		11/18/2024	1422
7440-47-3	Chromium	8.9		11/18/2024	1422
7440-48-4	Cobalt	6.2		11/18/2024	1422
7440-50-8	Copper	22		11/18/2024	1422
7439-89-6	Iron	19000		11/18/2024	1422
7439-92-1	Lead	71		11/18/2024	1422
7439-95-4	Magnesium	1200		11/18/2024	1422
7439-96-5	Manganese	290		11/18/2024	1422
7440-02-0	Nickel	15		11/18/2024	1422
7440-09-7	Potassium	260	J	11/18/2024	1422
7782-49-2	Selenium	3.1	U*	11/18/2024	1422
7440-22-4	Silver	0.88	U*	11/18/2024	1422
7440-23-5	Sodium	110	J	11/18/2024	1422
7440-28-0	Thallium	2.2	U	11/18/2024	1422
7440-62-2	Vanadium	18		11/18/2024	1422
7440-66-6	Zinc	76	*	11/18/2024	1422

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

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MC0VL5

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

Lab Code: ACE Case No.: 51810 MA No. : SDG No.: MC0VL1

Matrix: SOIL Lab Sample ID: P4688-05

% Solids: 80.5 Date Received: 11/02/2024

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		11/18/2024	1426
7440-36-0	Antimony	1.4	J	11/18/2024	1426
7440-38-2	Arsenic	15		11/18/2024	1426
7440-39-3	Barium	120		11/18/2024	1426
7440-41-7	Beryllium	0.83		11/18/2024	1426
7440-43-9	Cadmium	3.2		11/18/2024	1426
7440-70-2	Calcium	1300		11/18/2024	1426
7440-47-3	Chromium	26		11/18/2024	1426
7440-48-4	Cobalt	8.9		11/18/2024	1426
7440-50-8	Copper	52		11/18/2024	1426
7439-89-6	Iron	24000		11/18/2024	1426
7439-92-1	Lead	370		11/18/2024	1426
7439-95-4	Magnesium	2500		11/18/2024	1426
7439-96-5	Manganese	390		11/18/2024	1426
7440-02-0	Nickel	44		11/18/2024	1426
7440-09-7	Potassium	300	J	11/18/2024	1426
7782-49-2	Selenium	3.2	U*	11/18/2024	1426
7440-22-4	Silver	0.93	U*	11/18/2024	1426
7440-23-5	Sodium	120	J	11/18/2024	1426
7440-28-0	Thallium	2.3	U	11/18/2024	1426
7440-62-2	Vanadium	19		11/18/2024	1426
7440-66-6	Zinc	260	*	11/18/2024	1426

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

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MC0VL6

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

Lab Code: ACE Case No.: 51810 MA No. : SDG No.: MC0VL1

Matrix: SOIL Lab Sample ID: P4688-06

% Solids: 87.6 Date Received: 11/02/2024

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		11/18/2024	1430
7440-36-0	Antimony	1.1	J	11/18/2024	1430
7440-38-2	Arsenic	9.9		11/18/2024	1430
7440-39-3	Barium	79		11/18/2024	1430
7440-41-7	Beryllium	0.58		11/18/2024	1430
7440-43-9	Cadmium	1.2		11/18/2024	1430
7440-70-2	Calcium	1100		11/18/2024	1430
7440-47-3	Chromium	11		11/18/2024	1430
7440-48-4	Cobalt	5.9		11/18/2024	1430
7440-50-8	Copper	330		11/18/2024	1430
7439-89-6	Iron	22000		11/18/2024	1430
7439-92-1	Lead	180		11/18/2024	1430
7439-95-4	Magnesium	1200		11/18/2024	1430
7439-96-5	Manganese	270		11/18/2024	1430
7440-02-0	Nickel	80		11/18/2024	1430
7440-09-7	Potassium	290	J	11/18/2024	1430
7782-49-2	Selenium	2.8	U*	11/18/2024	1430
7440-22-4	Silver	1.6	*	11/18/2024	1430
7440-23-5	Sodium	100	J	11/18/2024	1430
7440-28-0	Thallium	2.0	U	11/18/2024	1430
7440-62-2	Vanadium	18		11/18/2024	1430
7440-66-6	Zinc	240	*	11/18/2024	1430

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

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MC0VL7

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

Lab Code: ACE Case No.: 51810 MA No. : SDG No.: MC0VL1

Matrix: SOIL Lab Sample ID: P4688-07

% Solids: 79.6 Date Received: 11/02/2024

Analytical Method: ICP_AES

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	8500		11/18/2024	1435
7440-36-0	Antimony	0.78	J	11/18/2024	1435
7440-38-2	Arsenic	11		11/18/2024	1435
7440-39-3	Barium	92		11/18/2024	1435
7440-41-7	Beryllium	0.69		11/18/2024	1435
7440-43-9	Cadmium	0.66		11/18/2024	1435
7440-70-2	Calcium	1100		11/18/2024	1435
7440-47-3	Chromium	14		11/18/2024	1435
7440-48-4	Cobalt	7.2		11/18/2024	1435
7440-50-8	Copper	28		11/18/2024	1435
7439-89-6	Iron	21000		11/18/2024	1435
7439-92-1	Lead	240		11/18/2024	1435
7439-95-4	Magnesium	1900		11/18/2024	1435
7439-96-5	Manganese	240		11/18/2024	1435
7440-02-0	Nickel	19		11/18/2024	1435
7440-09-7	Potassium	300	J	11/18/2024	1435
7782-49-2	Selenium	3.3	U*	11/18/2024	1435
7440-22-4	Silver	0.94	U*	11/18/2024	1435
7440-23-5	Sodium	130	J	11/18/2024	1435
7440-28-0	Thallium	2.3	U	11/18/2024	1435
7440-62-2	Vanadium	19		11/18/2024	1435
7440-66-6	Zinc	150	*	11/18/2024	1435

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

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MC0VL8

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

Lab Code: ACE Case No.: 51810 MA No. : SDG No.: MC0VL1

Matrix: SOIL Lab Sample ID: P4688-08

% Solids: 80.8 Date Received: 11/02/2024

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	5400		11/18/2024	1439
7440-36-0	Antimony	8.4		11/18/2024	1439
7440-38-2	Arsenic	15		11/18/2024	1439
7440-39-3	Barium	280		11/18/2024	1439
7440-41-7	Beryllium	0.91		11/18/2024	1439
7440-43-9	Cadmium	11		11/18/2024	1439
7440-70-2	Calcium	5600		11/18/2024	1439
7440-47-3	Chromium	27		11/18/2024	1439
7440-48-4	Cobalt	8.2		11/18/2024	1439
7440-50-8	Copper	370		11/18/2024	1439
7439-89-6	Iron	28000		11/18/2024	1439
7439-92-1	Lead	1100		11/18/2024	1439
7439-95-4	Magnesium	1300		11/18/2024	1439
7439-96-5	Manganese	280		11/18/2024	1439
7440-02-0	Nickel	59		11/18/2024	1439
7440-09-7	Potassium	550		11/18/2024	1439
7782-49-2	Selenium	3.7	U*	11/18/2024	1439
7440-22-4	Silver	1.1	U*	11/18/2024	1439
7440-23-5	Sodium	290	J	11/18/2024	1439
7440-28-0	Thallium	2.7	U	11/18/2024	1439
7440-62-2	Vanadium	22		11/18/2024	1439
7440-66-6	Zinc	610	*	11/18/2024	1439

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

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MC0VL9

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51810 MA No. : SDG No.: MC0VL1
 Matrix: SOIL Lab Sample ID: P4688-09
 % Solids: 80.6 Date Received: 11/02/2024
 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		11/18/2024	1444
7440-36-0	Antimony	12		11/18/2024	1444
7440-38-2	Arsenic	15		11/18/2024	1444
7440-39-3	Barium	290		11/18/2024	1444
7440-41-7	Beryllium	0.92		11/18/2024	1444
7440-43-9	Cadmium	15		11/18/2024	1444
7440-70-2	Calcium	5000		11/18/2024	1444
7440-47-3	Chromium	24		11/18/2024	1444
7440-48-4	Cobalt	8.8		11/18/2024	1444
7440-50-8	Copper	400		11/18/2024	1444
7439-89-6	Iron	31000		11/18/2024	1444
7439-92-1	Lead	1400		11/18/2024	1444
7439-95-4	Magnesium	1500		11/18/2024	1444
7439-96-5	Manganese	300		11/18/2024	1444
7440-02-0	Nickel	40		11/18/2024	1444
7440-09-7	Potassium	540		11/18/2024	1444
7782-49-2	Selenium	3.5	U*	11/18/2024	1444
7440-22-4	Silver	1.0	U*	11/18/2024	1444
7440-23-5	Sodium	300	J	11/18/2024	1444
7440-28-0	Thallium	2.5	U	11/18/2024	1444
7440-62-2	Vanadium	24		11/18/2024	1444
7440-66-6	Zinc	720	*	11/18/2024	1444

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

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MC0VM0

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

Lab Code: ACE Case No.: 51810 MA No. : SDG No.: MC0VL1

Matrix: SOIL Lab Sample ID: P4688-10

% Solids: 80.1 Date Received: 11/02/2024

Analytical Method: ICP_AES

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	9100		11/18/2024	1010
7440-36-0	Antimony	1.5	J	11/18/2024	1010
7440-38-2	Arsenic	18		11/18/2024	1010
7440-39-3	Barium	96		11/18/2024	1010
7440-41-7	Beryllium	0.77		11/18/2024	1010
7440-43-9	Cadmium	1.1		11/18/2024	1010
7440-70-2	Calcium	2500		11/18/2024	1010
7440-47-3	Chromium	22		11/18/2024	1010
7440-48-4	Cobalt	9.6		11/18/2024	1010
7440-50-8	Copper	67		11/18/2024	1010
7439-89-6	Iron	27000		11/18/2024	1010
7439-92-1	Lead	210		11/18/2024	1010
7439-95-4	Magnesium	2500		11/18/2024	1010
7439-96-5	Manganese	320		11/18/2024	1010
7440-02-0	Nickel	36		11/18/2024	1010
7440-09-7	Potassium	600		11/18/2024	1010
7782-49-2	Selenium	3.3	U*	11/18/2024	1010
7440-22-4	Silver	0.94	U*	11/18/2024	1010
7440-23-5	Sodium	170	J	11/18/2024	1010
7440-28-0	Thallium	2.4	U	11/18/2024	1010
7440-62-2	Vanadium	20		11/18/2024	1010
7440-66-6	Zinc	170	*	11/18/2024	1010

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

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MC0VM1

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

Lab Code: ACE Case No.: 51810 MA No. : SDG No.: MC0VL1

Matrix: SOIL Lab Sample ID: P4688-13

% Solids: 87 Date Received: 11/02/2024

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	1448
7440-36-0	Antimony	0.70	J	11/18/2024	1448
7440-38-2	Arsenic	8.1		11/18/2024	1448
7440-39-3	Barium	64		11/18/2024	1448
7440-41-7	Beryllium	0.49		11/18/2024	1448
7440-43-9	Cadmium	0.59		11/18/2024	1448
7440-70-2	Calcium	1900		11/18/2024	1448
7440-47-3	Chromium	7.3		11/18/2024	1448
7440-48-4	Cobalt	3.7	J	11/18/2024	1448
7440-50-8	Copper	14		11/18/2024	1448
7439-89-6	Iron	17000		11/18/2024	1448
7439-92-1	Lead	88		11/18/2024	1448
7439-95-4	Magnesium	940		11/18/2024	1448
7439-96-5	Manganese	650		11/18/2024	1448
7440-02-0	Nickel	19		11/18/2024	1448
7440-09-7	Potassium	300	J	11/18/2024	1448
7782-49-2	Selenium	3.0	U*	11/18/2024	1448
7440-22-4	Silver	0.85	U*	11/18/2024	1448
7440-23-5	Sodium	97	J	11/18/2024	1448
7440-28-0	Thallium	2.1	U	11/18/2024	1448
7440-62-2	Vanadium	17		11/18/2024	1448
7440-66-6	Zinc	65	*	11/18/2024	1448

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MC0VM2

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

Lab Code: ACE Case No.: 51810 MA No. : SDG No.: MC0VL1

Matrix: SOIL Lab Sample ID: P4688-14

% Solids: 76.3 Date Received: 11/02/2024

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	8800		11/18/2024	1501
7440-36-0	Antimony	1.2	J	11/18/2024	1501
7440-38-2	Arsenic	17		11/18/2024	1501
7440-39-3	Barium	110		11/18/2024	1501
7440-41-7	Beryllium	1.0		11/18/2024	1501
7440-43-9	Cadmium	0.44	J	11/18/2024	1501
7440-70-2	Calcium	2300		11/18/2024	1501
7440-47-3	Chromium	13		11/18/2024	1501
7440-48-4	Cobalt	10		11/18/2024	1501
7440-50-8	Copper	42		11/18/2024	1501
7439-89-6	Iron	27000		11/18/2024	1501
7439-92-1	Lead	91		11/18/2024	1501
7439-95-4	Magnesium	2400		11/18/2024	1501
7439-96-5	Manganese	400		11/18/2024	1501
7440-02-0	Nickel	28		11/18/2024	1501
7440-09-7	Potassium	450	J	11/18/2024	1501
7782-49-2	Selenium	3.9	U*	11/18/2024	1501
7440-22-4	Silver	1.1	U*	11/18/2024	1501
7440-23-5	Sodium	170	J	11/18/2024	1501
7440-28-0	Thallium	2.8	U	11/18/2024	1501
7440-62-2	Vanadium	25		11/18/2024	1501
7440-66-6	Zinc	120	*	11/18/2024	1501

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MC0VM3

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

Lab Code: ACE Case No.: 51810 MA No. : SDG No.: MC0VL1

Matrix: SOIL Lab Sample ID: P4688-15

% Solids: 83.9 Date Received: 11/02/2024

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	11000		11/18/2024	1506
7440-36-0	Antimony	1.7	J	11/18/2024	1506
7440-38-2	Arsenic	12		11/18/2024	1506
7440-39-3	Barium	140		11/18/2024	1506
7440-41-7	Beryllium	0.85		11/18/2024	1506
7440-43-9	Cadmium	0.78		11/18/2024	1506
7440-70-2	Calcium	2000		11/18/2024	1506
7440-47-3	Chromium	16		11/18/2024	1506
7440-48-4	Cobalt	10		11/18/2024	1506
7440-50-8	Copper	980		11/18/2024	1506
7439-89-6	Iron	39000		11/18/2024	1506
7439-92-1	Lead	230		11/18/2024	1506
7439-95-4	Magnesium	4100		11/18/2024	1506
7439-96-5	Manganese	250		11/18/2024	1506
7440-02-0	Nickel	26		11/18/2024	1506
7440-09-7	Potassium	2000		11/18/2024	1506
7782-49-2	Selenium	3.2	U*	11/18/2024	1506
7440-22-4	Silver	0.90	U*	11/18/2024	1506
7440-23-5	Sodium	330	J	11/18/2024	1506
7440-28-0	Thallium	2.3	U	11/18/2024	1506
7440-62-2	Vanadium	22		11/18/2024	1506
7440-66-6	Zinc	250	*	11/18/2024	1506

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MC0VM4

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

Lab Code: ACE Case No.: 51810 MA No. : SDG No.: MC0VL1

Matrix: SOIL Lab Sample ID: P4688-16

% Solids: 90.8 Date Received: 11/02/2024

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	7600		11/18/2024	1510
7440-36-0	Antimony	1.3	J	11/18/2024	1510
7440-38-2	Arsenic	12		11/18/2024	1510
7440-39-3	Barium	120		11/18/2024	1510
7440-41-7	Beryllium	0.68		11/18/2024	1510
7440-43-9	Cadmium	0.86		11/18/2024	1510
7440-70-2	Calcium	2400		11/18/2024	1510
7440-47-3	Chromium	14		11/18/2024	1510
7440-48-4	Cobalt	6.9		11/18/2024	1510
7440-50-8	Copper	59		11/18/2024	1510
7439-89-6	Iron	21000		11/18/2024	1510
7439-92-1	Lead	230		11/18/2024	1510
7439-95-4	Magnesium	1700		11/18/2024	1510
7439-96-5	Manganese	420		11/18/2024	1510
7440-02-0	Nickel	26		11/18/2024	1510
7440-09-7	Potassium	400	J	11/18/2024	1510
7782-49-2	Selenium	3.2	U*	11/18/2024	1510
7440-22-4	Silver	0.93	U*	11/18/2024	1510
7440-23-5	Sodium	140	J	11/18/2024	1510
7440-28-0	Thallium	2.3	U	11/18/2024	1510
7440-62-2	Vanadium	18		11/18/2024	1510
7440-66-6	Zinc	160	*	11/18/2024	1510

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MC0VM5

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

Lab Code: ACE Case No.: 51810 MA No. : SDG No.: MC0VL1

Matrix: SOIL Lab Sample ID: P4688-17

% Solids: 82.5 Date Received: 11/02/2024

Analytical Method: ICP_AES

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	8400		11/18/2024	1514
7440-36-0	Antimony	0.89	J	11/18/2024	1514
7440-38-2	Arsenic	14		11/18/2024	1514
7440-39-3	Barium	63		11/18/2024	1514
7440-41-7	Beryllium	0.72		11/18/2024	1514
7440-43-9	Cadmium	0.38	J	11/18/2024	1514
7440-70-2	Calcium	2200		11/18/2024	1514
7440-47-3	Chromium	14		11/18/2024	1514
7440-48-4	Cobalt	8.6		11/18/2024	1514
7440-50-8	Copper	34		11/18/2024	1514
7439-89-6	Iron	27000		11/18/2024	1514
7439-92-1	Lead	58		11/18/2024	1514
7439-95-4	Magnesium	3100		11/18/2024	1514
7439-96-5	Manganese	300		11/18/2024	1514
7440-02-0	Nickel	25		11/18/2024	1514
7440-09-7	Potassium	630		11/18/2024	1514
7782-49-2	Selenium	3.2	U*	11/18/2024	1514
7440-22-4	Silver	0.93	U*	11/18/2024	1514
7440-23-5	Sodium	180	J	11/18/2024	1514
7440-28-0	Thallium	2.3	U	11/18/2024	1514
7440-62-2	Vanadium	19		11/18/2024	1514
7440-66-6	Zinc	110	*	11/18/2024	1514

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

Comments: