

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MC0PI2

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

Lab Code: ACE Case No.: 51716 MA No. : SDG No.: MC0PI2

Matrix: SOIL Lab Sample ID: P4607-01

% Solids: 94.7 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	6200	*	11/18/2024	0105
7440-36-0	Antimony	2.9	J	11/18/2024	0105
7440-38-2	Arsenic	3.8		11/18/2024	0105
7440-39-3	Barium	38		11/18/2024	0105
7440-41-7	Beryllium	0.56		11/18/2024	0105
7440-43-9	Cadmium	0.36	J	11/18/2024	0105
7440-70-2	Calcium	1900		11/18/2024	0105
7440-47-3	Chromium	19	*	11/18/2024	0105
7440-48-4	Cobalt	5.8		11/18/2024	0105
7440-50-8	Copper	46		11/18/2024	0105
7439-89-6	Iron	13000	*	11/18/2024	0105
7439-92-1	Lead	16	*	11/18/2024	0105
7439-95-4	Magnesium	960		11/18/2024	0105
7439-96-5	Manganese	140	*	11/18/2024	0105
7440-02-0	Nickel	7.6		11/18/2024	0105
7440-09-7	Potassium	880		11/18/2024	0105
7782-49-2	Selenium	2.6	U*	11/18/2024	0105
7440-22-4	Silver	0.74	U*	11/18/2024	0105
7440-23-5	Sodium	89	J	11/18/2024	0105
7440-28-0	Thallium	1.9	U*	11/18/2024	0105
7440-62-2	Vanadium	22	*	11/18/2024	0105
7440-66-6	Zinc	100	*	11/18/2024	0105

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

Comments:

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MC0PI6

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51716 MA No. : SDG No.: MC0PI2
 Matrix: SOIL Lab Sample ID: P4607-02
 % Solids: 85.5 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	9300	*	11/18/2024	0110
7440-36-0	Antimony	1.3	J	11/18/2024	0110
7440-38-2	Arsenic	1.1		11/18/2024	0110
7440-39-3	Barium	37		11/18/2024	0110
7440-41-7	Beryllium	0.68		11/18/2024	0110
7440-43-9	Cadmium	0.12	J	11/18/2024	0110
7440-70-2	Calcium	530		11/18/2024	0110
7440-47-3	Chromium	24	*	11/18/2024	0110
7440-48-4	Cobalt	4.4		11/18/2024	0110
7440-50-8	Copper	1400		11/18/2024	0110
7439-89-6	Iron	17000	*	11/18/2024	0110
7439-92-1	Lead	8.1	*	11/18/2024	0110
7439-95-4	Magnesium	1100		11/18/2024	0110
7439-96-5	Manganese	61	*	11/18/2024	0110
7440-02-0	Nickel	5.7		11/18/2024	0110
7440-09-7	Potassium	990		11/18/2024	0110
7782-49-2	Selenium	2.8	U*	11/18/2024	0110
7440-22-4	Silver	0.80	U*	11/18/2024	0110
7440-23-5	Sodium	93	J	11/18/2024	0110
7440-28-0	Thallium	2.0	U*	11/18/2024	0110
7440-62-2	Vanadium	31	*	11/18/2024	0110
7440-66-6	Zinc	23	*	11/18/2024	0110

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

Comments:

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MC0PI7

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

Lab Code: ACE Case No.: 51716 MA No. : SDG No.: MC0PI2

Matrix: SOIL Lab Sample ID: P4607-03

% Solids: 91.2 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	0114
7440-36-0	Antimony	4.1	J	11/18/2024	0114
7440-38-2	Arsenic	2.1		11/18/2024	0114
7440-39-3	Barium	21		11/18/2024	0114
7440-41-7	Beryllium	0.42	J	11/18/2024	0114
7440-43-9	Cadmium	0.081	J	11/18/2024	0114
7440-70-2	Calcium	1100		11/18/2024	0114
7440-47-3	Chromium	13	*	11/18/2024	0114
7440-48-4	Cobalt	2.5	J	11/18/2024	0114
7440-50-8	Copper	48		11/18/2024	0114
7439-89-6	Iron	7400	*	11/18/2024	0114
7439-92-1	Lead	8.2	*	11/18/2024	0114
7439-95-4	Magnesium	460	J	11/18/2024	0114
7439-96-5	Manganese	63	*	11/18/2024	0114
7440-02-0	Nickel	2.9	J	11/18/2024	0114
7440-09-7	Potassium	320	J	11/18/2024	0114
7782-49-2	Selenium	3.3	U*	11/18/2024	0114
7440-22-4	Silver	0.94	U*	11/18/2024	0114
7440-23-5	Sodium	470	U	11/18/2024	0114
7440-28-0	Thallium	2.3	U*	11/18/2024	0114
7440-62-2	Vanadium	12	*	11/18/2024	0114
7440-66-6	Zinc	25	*	11/18/2024	0114

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

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MC0PI8

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

Lab Code: ACE Case No.: 51716 MA No. : SDG No.: MC0PI2

Matrix: SOIL Lab Sample ID: P4607-04

% Solids: 81 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	6200	*	11/18/2024	0119
7440-36-0	Antimony	2.7	J	11/18/2024	0119
7440-38-2	Arsenic	4.2		11/18/2024	0119
7440-39-3	Barium	33		11/18/2024	0119
7440-41-7	Beryllium	0.54		11/18/2024	0119
7440-43-9	Cadmium	0.28	J	11/18/2024	0119
7440-70-2	Calcium	1700		11/18/2024	0119
7440-47-3	Chromium	18	*	11/18/2024	0119
7440-48-4	Cobalt	3.8	J	11/18/2024	0119
7440-50-8	Copper	40		11/18/2024	0119
7439-89-6	Iron	12000	*	11/18/2024	0119
7439-92-1	Lead	13	*	11/18/2024	0119
7439-95-4	Magnesium	930		11/18/2024	0119
7439-96-5	Manganese	84	*	11/18/2024	0119
7440-02-0	Nickel	5.0		11/18/2024	0119
7440-09-7	Potassium	960		11/18/2024	0119
7782-49-2	Selenium	3.5	U*	11/18/2024	0119
7440-22-4	Silver	1.0	U*	11/18/2024	0119
7440-23-5	Sodium	500	U	11/18/2024	0119
7440-28-0	Thallium	2.5	U*	11/18/2024	0119
7440-62-2	Vanadium	21	*	11/18/2024	0119
7440-66-6	Zinc	81	*	11/18/2024	0119

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

Comments:

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MC0PI9

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

Lab Code: ACE Case No.: 51716 MA No. : SDG No.: MC0PI2

Matrix: SOIL Lab Sample ID: P4607-05

% Solids: 86.9 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	6900	*	11/18/2024	0123
7440-36-0	Antimony	0.67	J	11/18/2024	0123
7440-38-2	Arsenic	2.1		11/18/2024	0123
7440-39-3	Barium	42		11/18/2024	0123
7440-41-7	Beryllium	0.63		11/18/2024	0123
7440-43-9	Cadmium	0.13	J	11/18/2024	0123
7440-70-2	Calcium	460		11/18/2024	0123
7440-47-3	Chromium	17	*	11/18/2024	0123
7440-48-4	Cobalt	4.6		11/18/2024	0123
7440-50-8	Copper	270		11/18/2024	0123
7439-89-6	Iron	13000	*	11/18/2024	0123
7439-92-1	Lead	11	*	11/18/2024	0123
7439-95-4	Magnesium	830		11/18/2024	0123
7439-96-5	Manganese	97	*	11/18/2024	0123
7440-02-0	Nickel	5.0		11/18/2024	0123
7440-09-7	Potassium	640		11/18/2024	0123
7782-49-2	Selenium	2.8	U*	11/18/2024	0123
7440-22-4	Silver	0.79	U*	11/18/2024	0123
7440-23-5	Sodium	95	J	11/18/2024	0123
7440-28-0	Thallium	2.0	U*	11/18/2024	0123
7440-62-2	Vanadium	24	*	11/18/2024	0123
7440-66-6	Zinc	20	*	11/18/2024	0123

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

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MCC0P1

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

Lab Code: ACE Case No.: 51716 MA No. : SDG No.: MC0PI2

Matrix: SOIL Lab Sample ID: P4607-07

% Solids: 95.3 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	1700	*	11/18/2024	0132
7440-36-0	Antimony	0.74	J	11/18/2024	0132
7440-38-2	Arsenic	0.56	J	11/18/2024	0132
7440-39-3	Barium	18		11/18/2024	0132
7440-41-7	Beryllium	0.20	J	11/18/2024	0132
7440-43-9	Cadmium	0.032	J	11/18/2024	0132
7440-70-2	Calcium	220	J	11/18/2024	0132
7440-47-3	Chromium	6.7	*	11/18/2024	0132
7440-48-4	Cobalt	2.0	J	11/18/2024	0132
7440-50-8	Copper	2.3		11/18/2024	0132
7439-89-6	Iron	4300	*	11/18/2024	0132
7439-92-1	Lead	4.0	*	11/18/2024	0132
7439-95-4	Magnesium	300	J	11/18/2024	0132
7439-96-5	Manganese	48	*	11/18/2024	0132
7440-02-0	Nickel	1.7	J	11/18/2024	0132
7440-09-7	Potassium	260	J	11/18/2024	0132
7782-49-2	Selenium	2.8	U*	11/18/2024	0132
7440-22-4	Silver	0.80	U*	11/18/2024	0132
7440-23-5	Sodium	400	U	11/18/2024	0132
7440-28-0	Thallium	2.0	U*	11/18/2024	0132
7440-62-2	Vanadium	7.8	*	11/18/2024	0132
7440-66-6	Zinc	7.5	*	11/18/2024	0132

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

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MCC0P2

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

Lab Code: ACE Case No.: 51716 MA No. : SDG No.: MC0PI2

Matrix: SOIL Lab Sample ID: P4607-08

% Solids: 96 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	2600	*	11/18/2024	0136
7440-36-0	Antimony	1.2	J	11/18/2024	0136
7440-38-2	Arsenic	1.4		11/18/2024	0136
7440-39-3	Barium	34		11/18/2024	0136
7440-41-7	Beryllium	0.37		11/18/2024	0136
7440-43-9	Cadmium	0.27	J	11/18/2024	0136
7440-70-2	Calcium	790		11/18/2024	0136
7440-47-3	Chromium	6.6	*	11/18/2024	0136
7440-48-4	Cobalt	2.6	J	11/18/2024	0136
7440-50-8	Copper	15		11/18/2024	0136
7439-89-6	Iron	5600	*	11/18/2024	0136
7439-92-1	Lead	21	*	11/18/2024	0136
7439-95-4	Magnesium	330	J	11/18/2024	0136
7439-96-5	Manganese	100	*	11/18/2024	0136
7440-02-0	Nickel	4.3		11/18/2024	0136
7440-09-7	Potassium	200	J	11/18/2024	0136
7782-49-2	Selenium	2.6	U*	11/18/2024	0136
7440-22-4	Silver	0.74	U*	11/18/2024	0136
7440-23-5	Sodium	370	U	11/18/2024	0136
7440-28-0	Thallium	1.9	U*	11/18/2024	0136
7440-62-2	Vanadium	7.7	*	11/18/2024	0136
7440-66-6	Zinc	47	*	11/18/2024	0136

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

Comments:

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MCC0P3

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

Lab Code: ACE Case No.: 51716 MA No. : SDG No.: MC0PI2

Matrix: SOIL Lab Sample ID: P4607-09

% Solids: 87.7 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	7300	*	11/18/2024	0141
7440-36-0	Antimony	1.0	J	11/18/2024	0141
7440-38-2	Arsenic	0.90	J	11/18/2024	0141
7440-39-3	Barium	82		11/18/2024	0141
7440-41-7	Beryllium	1.2		11/18/2024	0141
7440-43-9	Cadmium	0.34	J	11/18/2024	0141
7440-70-2	Calcium	1400		11/18/2024	0141
7440-47-3	Chromium	19	*	11/18/2024	0141
7440-48-4	Cobalt	5.0		11/18/2024	0141
7440-50-8	Copper	29		11/18/2024	0141
7439-89-6	Iron	22000	*	11/18/2024	0141
7439-92-1	Lead	18	*	11/18/2024	0141
7439-95-4	Magnesium	790		11/18/2024	0141
7439-96-5	Manganese	47	*	11/18/2024	0141
7440-02-0	Nickel	6.7		11/18/2024	0141
7440-09-7	Potassium	780		11/18/2024	0141
7782-49-2	Selenium	3.4	U*	11/18/2024	0141
7440-22-4	Silver	0.97	U*	11/18/2024	0141
7440-23-5	Sodium	480	U	11/18/2024	0141
7440-28-0	Thallium	2.4	U*	11/18/2024	0141
7440-62-2	Vanadium	32	*	11/18/2024	0141
7440-66-6	Zinc	43	*	11/18/2024	0141

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

Comments:

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MCC0P4

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

Lab Code: ACE Case No.: 51716 MA No. : SDG No.: MC0PI2

Matrix: SOIL Lab Sample ID: P4607-10

% Solids: 95.5 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	5700	*	11/18/2024	0239
7440-36-0	Antimony	2.0	J	11/18/2024	0239
7440-38-2	Arsenic	0.44	J	11/18/2024	0239
7440-39-3	Barium	35		11/18/2024	0239
7440-41-7	Beryllium	0.41		11/18/2024	0239
7440-43-9	Cadmium	0.65		11/18/2024	0239
7440-70-2	Calcium	5800		11/18/2024	0239
7440-47-3	Chromium	11	*	11/18/2024	0239
7440-48-4	Cobalt	2.4	J	11/18/2024	0239
7440-50-8	Copper	100		11/18/2024	0239
7439-89-6	Iron	16000	*	11/18/2024	0239
7439-92-1	Lead	30	*	11/18/2024	0239
7439-95-4	Magnesium	580		11/18/2024	0239
7439-96-5	Manganese	120	*	11/18/2024	0239
7440-02-0	Nickel	8.5		11/18/2024	0239
7440-09-7	Potassium	310	J	11/18/2024	0239
7782-49-2	Selenium	2.5	U*	11/18/2024	0239
7440-22-4	Silver	0.72	U*	11/18/2024	0239
7440-23-5	Sodium	82	J	11/18/2024	0239
7440-28-0	Thallium	1.8	U*	11/18/2024	0239
7440-62-2	Vanadium	11	*	11/18/2024	0239
7440-66-6	Zinc	180	*	11/18/2024	0239

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

Comments:

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MCC0P5

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

Lab Code: ACE Case No.: 51716 MA No. : SDG No.: MC0PI2

Matrix: SOIL Lab Sample ID: P4607-11

% Solids: 88.9 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	6300	*	11/18/2024	0243
7440-36-0	Antimony	1.3	J	11/18/2024	0243
7440-38-2	Arsenic	1.9		11/18/2024	0243
7440-39-3	Barium	49		11/18/2024	0243
7440-41-7	Beryllium	0.58		11/18/2024	0243
7440-43-9	Cadmium	0.31	J	11/18/2024	0243
7440-70-2	Calcium	1200		11/18/2024	0243
7440-47-3	Chromium	16	*	11/18/2024	0243
7440-48-4	Cobalt	3.7	J	11/18/2024	0243
7440-50-8	Copper	12		11/18/2024	0243
7439-89-6	Iron	13000	*	11/18/2024	0243
7439-92-1	Lead	45	*	11/18/2024	0243
7439-95-4	Magnesium	710		11/18/2024	0243
7439-96-5	Manganese	87	*	11/18/2024	0243
7440-02-0	Nickel	6.2		11/18/2024	0243
7440-09-7	Potassium	620		11/18/2024	0243
7782-49-2	Selenium	2.6	U*	11/18/2024	0243
7440-22-4	Silver	0.76	U*	11/18/2024	0243
7440-23-5	Sodium	380	U	11/18/2024	0243
7440-28-0	Thallium	1.9	U*	11/18/2024	0243
7440-62-2	Vanadium	20	*	11/18/2024	0243
7440-66-6	Zinc	60	*	11/18/2024	0243

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

Comments:

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MCC0P6

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

Lab Code: ACE Case No.: 51716 MA No. : SDG No.: MC0PI2

Matrix: SOIL Lab Sample ID: P4607-12

% Solids: 92.2 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	4700	*	11/18/2024	0248
7440-36-0	Antimony	28		11/18/2024	0248
7440-38-2	Arsenic	2.1		11/18/2024	0248
7440-39-3	Barium	96		11/18/2024	0248
7440-41-7	Beryllium	0.73		11/18/2024	0248
7440-43-9	Cadmium	1.6		11/18/2024	0248
7440-70-2	Calcium	3600		11/18/2024	0248
7440-47-3	Chromium	21	*	11/18/2024	0248
7440-48-4	Cobalt	4.1	J	11/18/2024	0248
7440-50-8	Copper	79		11/18/2024	0248
7439-89-6	Iron	47000	*	11/18/2024	0248
7439-92-1	Lead	6500	D*	11/18/2024	0917
7439-95-4	Magnesium	710		11/18/2024	0248
7439-96-5	Manganese	280	*	11/18/2024	0248
7440-02-0	Nickel	16		11/18/2024	0248
7440-09-7	Potassium	340	J	11/18/2024	0248
7782-49-2	Selenium	3.2	U*	11/18/2024	0248
7440-22-4	Silver	0.90	U*	11/18/2024	0248
7440-23-5	Sodium	250	J	11/18/2024	0248
7440-28-0	Thallium	2.3	U*	11/18/2024	0248
7440-62-2	Vanadium	14	*	11/18/2024	0248
7440-66-6	Zinc	400	*	11/18/2024	0248

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MCC0P7

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

Lab Code: ACE Case No.: 51716 MA No. : SDG No.: MC0PI2

Matrix: SOIL Lab Sample ID: P4607-13

% Solids: 88 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	3400	*	11/18/2024	0252
7440-36-0	Antimony	1.0	J	11/18/2024	0252
7440-38-2	Arsenic	0.76	J	11/18/2024	0252
7440-39-3	Barium	170		11/18/2024	0252
7440-41-7	Beryllium	0.40	J	11/18/2024	0252
7440-43-9	Cadmium	0.31	J	11/18/2024	0252
7440-70-2	Calcium	850		11/18/2024	0252
7440-47-3	Chromium	9.0	*	11/18/2024	0252
7440-48-4	Cobalt	3.2	J	11/18/2024	0252
7440-50-8	Copper	15		11/18/2024	0252
7439-89-6	Iron	8700	*	11/18/2024	0252
7439-92-1	Lead	63	*	11/18/2024	0252
7439-95-4	Magnesium	390	J	11/18/2024	0252
7439-96-5	Manganese	100	*	11/18/2024	0252
7440-02-0	Nickel	5.3		11/18/2024	0252
7440-09-7	Potassium	220	J	11/18/2024	0252
7782-49-2	Selenium	2.9	U*	11/18/2024	0252
7440-22-4	Silver	0.82	U*	11/18/2024	0252
7440-23-5	Sodium	410	U	11/18/2024	0252
7440-28-0	Thallium	2.1	U*	11/18/2024	0252
7440-62-2	Vanadium	12	*	11/18/2024	0252
7440-66-6	Zinc	130	*	11/18/2024	0252

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MCC0P8

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

Lab Code: ACE Case No.: 51716 MA No. : SDG No.: MC0PI2

Matrix: SOIL Lab Sample ID: P4607-14

% Solids: 87.9 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	3700	*	11/18/2024	0256
7440-36-0	Antimony	1.1	J	11/18/2024	0256
7440-38-2	Arsenic	0.90	U	11/18/2024	0256
7440-39-3	Barium	410		11/18/2024	0256
7440-41-7	Beryllium	0.42	J	11/18/2024	0256
7440-43-9	Cadmium	0.67		11/18/2024	0256
7440-70-2	Calcium	1200		11/18/2024	0256
7440-47-3	Chromium	14	*	11/18/2024	0256
7440-48-4	Cobalt	4.7		11/18/2024	0256
7440-50-8	Copper	25		11/18/2024	0256
7439-89-6	Iron	13000	*	11/18/2024	0256
7439-92-1	Lead	130	*	11/18/2024	0256
7439-95-4	Magnesium	470		11/18/2024	0256
7439-96-5	Manganese	180	*	11/18/2024	0256
7440-02-0	Nickel	11		11/18/2024	0256
7440-09-7	Potassium	230	J	11/18/2024	0256
7782-49-2	Selenium	3.1	U*	11/18/2024	0256
7440-22-4	Silver	0.90	U*	11/18/2024	0256
7440-23-5	Sodium	450	U	11/18/2024	0256
7440-28-0	Thallium	2.2	U*	11/18/2024	0256
7440-62-2	Vanadium	11	*	11/18/2024	0256
7440-66-6	Zinc	200	*	11/18/2024	0256

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MCC0P9

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

Lab Code: ACE Case No.: 51716 MA No. : SDG No.: MC0PI2

Matrix: SOIL Lab Sample ID: P4607-15

% Solids: 88.3 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	6100	*	11/18/2024	0301
7440-36-0	Antimony	11		11/18/2024	0301
7440-38-2	Arsenic	5.1		11/18/2024	0301
7440-39-3	Barium	140		11/18/2024	0301
7440-41-7	Beryllium	0.95		11/18/2024	0301
7440-43-9	Cadmium	13		11/18/2024	0301
7440-70-2	Calcium	15000		11/18/2024	0301
7440-47-3	Chromium	35	*	11/18/2024	0301
7440-48-4	Cobalt	11		11/18/2024	0301
7440-50-8	Copper	89		11/18/2024	0301
7439-89-6	Iron	88000	D*	11/18/2024	0921
7439-92-1	Lead	770	*	11/18/2024	0301
7439-95-4	Magnesium	950		11/18/2024	0301
7439-96-5	Manganese	610	*	11/18/2024	0301
7440-02-0	Nickel	47		11/18/2024	0301
7440-09-7	Potassium	500		11/18/2024	0301
7782-49-2	Selenium	2.7	U*	11/18/2024	0301
7440-22-4	Silver	0.76	U*	11/18/2024	0301
7440-23-5	Sodium	570		11/18/2024	0301
7440-28-0	Thallium	1.9	U*	11/18/2024	0301
7440-62-2	Vanadium	16	*	11/18/2024	0301
7440-66-6	Zinc	1400	*	11/18/2024	0301

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MCC0Q0

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

Lab Code: ACE Case No.: 51716 MA No. : SDG No.: MC0PI2

Matrix: SOIL Lab Sample ID: P4607-16

% Solids: 89.8 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	11000	*	11/18/2024	0305
7440-36-0	Antimony	6.2		11/18/2024	0305
7440-38-2	Arsenic	55		11/18/2024	0305
7440-39-3	Barium	120		11/18/2024	0305
7440-41-7	Beryllium	0.60		11/18/2024	0305
7440-43-9	Cadmium	11		11/18/2024	0305
7440-70-2	Calcium	23000		11/18/2024	0305
7440-47-3	Chromium	37	*	11/18/2024	0305
7440-48-4	Cobalt	9.1		11/18/2024	0305
7440-50-8	Copper	130		11/18/2024	0305
7439-89-6	Iron	29000	*	11/18/2024	0305
7439-92-1	Lead	310	*	11/18/2024	0305
7439-95-4	Magnesium	1300		11/18/2024	0305
7439-96-5	Manganese	280	*	11/18/2024	0305
7440-02-0	Nickel	32		11/18/2024	0305
7440-09-7	Potassium	600		11/18/2024	0305
7782-49-2	Selenium	2.6	U*	11/18/2024	0305
7440-22-4	Silver	0.75	U*	11/18/2024	0305
7440-23-5	Sodium	370		11/18/2024	0305
7440-28-0	Thallium	1.9	U*	11/18/2024	0305
7440-62-2	Vanadium	15	*	11/18/2024	0305
7440-66-6	Zinc	820	*	11/18/2024	0305

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MCC0Q1

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

Lab Code: ACE Case No.: 51716 MA No. : SDG No.: MC0PI2

Matrix: SOIL Lab Sample ID: P4607-17

% Solids: 88 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	6700	*	11/18/2024	0310
7440-36-0	Antimony	1.5	J	11/18/2024	0310
7440-38-2	Arsenic	5.1		11/18/2024	0310
7440-39-3	Barium	45		11/18/2024	0310
7440-41-7	Beryllium	0.61		11/18/2024	0310
7440-43-9	Cadmium	0.42	J	11/18/2024	0310
7440-70-2	Calcium	1300		11/18/2024	0310
7440-47-3	Chromium	22	*	11/18/2024	0310
7440-48-4	Cobalt	5.0		11/18/2024	0310
7440-50-8	Copper	72		11/18/2024	0310
7439-89-6	Iron	14000	*	11/18/2024	0310
7439-92-1	Lead	27	*	11/18/2024	0310
7439-95-4	Magnesium	870		11/18/2024	0310
7439-96-5	Manganese	71	*	11/18/2024	0310
7440-02-0	Nickel	5.5		11/18/2024	0310
7440-09-7	Potassium	900		11/18/2024	0310
7782-49-2	Selenium	3.3	U*	11/18/2024	0310
7440-22-4	Silver	0.93	U*	11/18/2024	0310
7440-23-5	Sodium	470	U	11/18/2024	0310
7440-28-0	Thallium	2.3	U*	11/18/2024	0310
7440-62-2	Vanadium	24	*	11/18/2024	0310
7440-66-6	Zinc	170	*	11/18/2024	0310

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MCC0Q2

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

Lab Code: ACE Case No.: 51716 MA No. : SDG No.: MC0PI2

Matrix: SOIL Lab Sample ID: P4607-18

% Solids: 85.5 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	6100	*	11/18/2024	0314
7440-36-0	Antimony	0.93	J	11/18/2024	0314
7440-38-2	Arsenic	2.4		11/18/2024	0314
7440-39-3	Barium	43		11/18/2024	0314
7440-41-7	Beryllium	0.53		11/18/2024	0314
7440-43-9	Cadmium	0.20	J	11/18/2024	0314
7440-70-2	Calcium	2300		11/18/2024	0314
7440-47-3	Chromium	16	*	11/18/2024	0314
7440-48-4	Cobalt	4.7		11/18/2024	0314
7440-50-8	Copper	73		11/18/2024	0314
7439-89-6	Iron	11000	*	11/18/2024	0314
7439-92-1	Lead	33	*	11/18/2024	0314
7439-95-4	Magnesium	950		11/18/2024	0314
7439-96-5	Manganese	57	*	11/18/2024	0314
7440-02-0	Nickel	4.3		11/18/2024	0314
7440-09-7	Potassium	1200		11/18/2024	0314
7782-49-2	Selenium	3.0	U*	11/18/2024	0314
7440-22-4	Silver	0.85	U*	11/18/2024	0314
7440-23-5	Sodium	430	U	11/18/2024	0314
7440-28-0	Thallium	2.1	U*	11/18/2024	0314
7440-62-2	Vanadium	19	*	11/18/2024	0314
7440-66-6	Zinc	57	*	11/18/2024	0314

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MCC0Q3

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

Lab Code: ACE Case No.: 51716 MA No. : SDG No.: MC0PI2

Matrix: SOIL Lab Sample ID: P4607-19

% Solids: 66.9 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	11000	*	11/18/2024	0318
7440-36-0	Antimony	18		11/18/2024	0318
7440-38-2	Arsenic	110		11/18/2024	0318
7440-39-3	Barium	180		11/18/2024	0318
7440-41-7	Beryllium	0.82		11/18/2024	0318
7440-43-9	Cadmium	5.5		11/18/2024	0318
7440-70-2	Calcium	26000		11/18/2024	0318
7440-47-3	Chromium	70	*	11/18/2024	0318
7440-48-4	Cobalt	8.7		11/18/2024	0318
7440-50-8	Copper	570		11/18/2024	0318
7439-89-6	Iron	54000	*	11/18/2024	0318
7439-92-1	Lead	280	*	11/18/2024	0318
7439-95-4	Magnesium	2300		11/18/2024	0318
7439-96-5	Manganese	460	*	11/18/2024	0318
7440-02-0	Nickel	37		11/18/2024	0318
7440-09-7	Potassium	740		11/18/2024	0318
7782-49-2	Selenium	3.8	U*	11/18/2024	0318
7440-22-4	Silver	1.1	U*	11/18/2024	0318
7440-23-5	Sodium	540		11/18/2024	0318
7440-28-0	Thallium	2.7	U*	11/18/2024	0318
7440-62-2	Vanadium	30	*	11/18/2024	0318
7440-66-6	Zinc	900	*	11/18/2024	0318

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MCC0R7

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

Lab Code: ACE Case No.: 51716 MA No. : SDG No.: MC0PI2

Matrix: SOIL Lab Sample ID: P4607-20

% Solids: 81.2 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	14000	*	11/18/2024	0323
7440-36-0	Antimony	1.2	J	11/18/2024	0323
7440-38-2	Arsenic	2.8		11/18/2024	0323
7440-39-3	Barium	47		11/18/2024	0323
7440-41-7	Beryllium	1.0		11/18/2024	0323
7440-43-9	Cadmium	0.17	J	11/18/2024	0323
7440-70-2	Calcium	300	J	11/18/2024	0323
7440-47-3	Chromium	37	*	11/18/2024	0323
7440-48-4	Cobalt	6.1		11/18/2024	0323
7440-50-8	Copper	4.6		11/18/2024	0323
7439-89-6	Iron	26000	*	11/18/2024	0323
7439-92-1	Lead	13	*	11/18/2024	0323
7439-95-4	Magnesium	1900		11/18/2024	0323
7439-96-5	Manganese	95	*	11/18/2024	0323
7440-02-0	Nickel	9.2		11/18/2024	0323
7440-09-7	Potassium	1500		11/18/2024	0323
7782-49-2	Selenium	3.9	U*	11/18/2024	0323
7440-22-4	Silver	1.1	U*	11/18/2024	0323
7440-23-5	Sodium	120	J	11/18/2024	0323
7440-28-0	Thallium	2.8	U*	11/18/2024	0323
7440-62-2	Vanadium	44	*	11/18/2024	0323
7440-66-6	Zinc	30	*	11/18/2024	0323

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

Comments: