

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MC0VD3

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

Lab Code: ACE Case No.: 51810 MA No. : SDG No.: MC0VD3

Matrix: SOIL Lab Sample ID: P4655-01

% Solids: 86.9 Date Received: 10/31/2024

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	1120
7440-36-0	Antimony	1.1	J	11/18/2024	1120
7440-38-2	Arsenic	13	*	11/18/2024	1120
7440-39-3	Barium	140		11/18/2024	1120
7440-41-7	Beryllium	0.64		11/18/2024	1120
7440-43-9	Cadmium	0.89		11/18/2024	1120
7440-70-2	Calcium	1700		11/18/2024	1120
7440-47-3	Chromium	15		11/18/2024	1120
7440-48-4	Cobalt	5.5		11/18/2024	1120
7440-50-8	Copper	100		11/18/2024	1120
7439-89-6	Iron	18000		11/18/2024	1120
7439-92-1	Lead	500	*	11/18/2024	1120
7439-95-4	Magnesium	1200		11/18/2024	1120
7439-96-5	Manganese	240	*	11/18/2024	1120
7440-02-0	Nickel	15		11/18/2024	1120
7440-09-7	Potassium	390	J	11/18/2024	1120
7782-49-2	Selenium	3.4	U*	11/18/2024	1120
7440-22-4	Silver	0.97	U*	11/18/2024	1120
7440-23-5	Sodium	120	J	11/18/2024	1120
7440-28-0	Thallium	2.4	U	11/18/2024	1120
7440-62-2	Vanadium	18		11/18/2024	1120
7440-66-6	Zinc	170		11/18/2024	1120

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

Comments:

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MC0VE1

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

Lab Code: ACE Case No.: 51810 MA No. : SDG No.: MC0VD3

Matrix: SOIL Lab Sample ID: P4655-02

% Solids: 87.4 Date Received: 10/31/2024

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	7400		11/18/2024	1124
7440-36-0	Antimony	0.77	J	11/18/2024	1124
7440-38-2	Arsenic	10	*	11/18/2024	1124
7440-39-3	Barium	84		11/18/2024	1124
7440-41-7	Beryllium	0.61		11/18/2024	1124
7440-43-9	Cadmium	0.52		11/18/2024	1124
7440-70-2	Calcium	520		11/18/2024	1124
7440-47-3	Chromium	11		11/18/2024	1124
7440-48-4	Cobalt	6.2		11/18/2024	1124
7440-50-8	Copper	29		11/18/2024	1124
7439-89-6	Iron	19000		11/18/2024	1124
7439-92-1	Lead	170	*	11/18/2024	1124
7439-95-4	Magnesium	1200		11/18/2024	1124
7439-96-5	Manganese	360	*	11/18/2024	1124
7440-02-0	Nickel	15		11/18/2024	1124
7440-09-7	Potassium	270	J	11/18/2024	1124
7782-49-2	Selenium	2.9	U*	11/18/2024	1124
7440-22-4	Silver	0.82	U*	11/18/2024	1124
7440-23-5	Sodium	93	J	11/18/2024	1124
7440-28-0	Thallium	2.1	U	11/18/2024	1124
7440-62-2	Vanadium	17		11/18/2024	1124
7440-66-6	Zinc	100		11/18/2024	1124

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

Comments:

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MC0VE2

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

Lab Code: ACE Case No.: 51810 MA No. : SDG No.: MC0VD3

Matrix: SOIL Lab Sample ID: P4655-03

% Solids: 83 Date Received: 10/31/2024

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	1129
7440-36-0	Antimony	0.98	J	11/18/2024	1129
7440-38-2	Arsenic	12	*	11/18/2024	1129
7440-39-3	Barium	170		11/18/2024	1129
7440-41-7	Beryllium	0.81		11/18/2024	1129
7440-43-9	Cadmium	1.3		11/18/2024	1129
7440-70-2	Calcium	2900		11/18/2024	1129
7440-47-3	Chromium	14		11/18/2024	1129
7440-48-4	Cobalt	8.8		11/18/2024	1129
7440-50-8	Copper	49		11/18/2024	1129
7439-89-6	Iron	37000		11/18/2024	1129
7439-92-1	Lead	320	*	11/18/2024	1129
7439-95-4	Magnesium	2200		11/18/2024	1129
7439-96-5	Manganese	540	*	11/18/2024	1129
7440-02-0	Nickel	25		11/18/2024	1129
7440-09-7	Potassium	530		11/18/2024	1129
7782-49-2	Selenium	3.2	U*	11/18/2024	1129
7440-22-4	Silver	0.90	U*	11/18/2024	1129
7440-23-5	Sodium	210	J	11/18/2024	1129
7440-28-0	Thallium	2.3	U	11/18/2024	1129
7440-62-2	Vanadium	18		11/18/2024	1129
7440-66-6	Zinc	290		11/18/2024	1129

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

Comments:

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MC0VE7

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

Lab Code: ACE Case No.: 51810 MA No. : SDG No.: MC0VD3

Matrix: SOIL Lab Sample ID: P4655-04

% Solids: 82.2 Date Received: 10/31/2024

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	1133
7440-36-0	Antimony	0.88	J	11/18/2024	1133
7440-38-2	Arsenic	7.7	*	11/18/2024	1133
7440-39-3	Barium	61		11/18/2024	1133
7440-41-7	Beryllium	0.70		11/18/2024	1133
7440-43-9	Cadmium	1.2		11/18/2024	1133
7440-70-2	Calcium	1700		11/18/2024	1133
7440-47-3	Chromium	17		11/18/2024	1133
7440-48-4	Cobalt	12		11/18/2024	1133
7440-50-8	Copper	31		11/18/2024	1133
7439-89-6	Iron	27000		11/18/2024	1133
7439-92-1	Lead	58	*	11/18/2024	1133
7439-95-4	Magnesium	3400		11/18/2024	1133
7439-96-5	Manganese	300	*	11/18/2024	1133
7440-02-0	Nickel	41		11/18/2024	1133
7440-09-7	Potassium	720		11/18/2024	1133
7782-49-2	Selenium	3.0	U*	11/18/2024	1133
7440-22-4	Silver	0.85	U*	11/18/2024	1133
7440-23-5	Sodium	150	J	11/18/2024	1133
7440-28-0	Thallium	2.1	U	11/18/2024	1133
7440-62-2	Vanadium	21		11/18/2024	1133
7440-66-6	Zinc	93		11/18/2024	1133

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

Comments:

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MC0VE8

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51810 MA No. : SDG No.: MC0VD3
 Matrix: SOIL Lab Sample ID: P4655-05
 % Solids: 83.8 Date Received: 10/31/2024
 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	9700		11/18/2024	1146
7440-36-0	Antimony	0.84	J	11/18/2024	1146
7440-38-2	Arsenic	9.5	*	11/18/2024	1146
7440-39-3	Barium	96		11/18/2024	1146
7440-41-7	Beryllium	0.72		11/18/2024	1146
7440-43-9	Cadmium	1.5		11/18/2024	1146
7440-70-2	Calcium	1600		11/18/2024	1146
7440-47-3	Chromium	21		11/18/2024	1146
7440-48-4	Cobalt	9.7		11/18/2024	1146
7440-50-8	Copper	36		11/18/2024	1146
7439-89-6	Iron	26000		11/18/2024	1146
7439-92-1	Lead	150	*	11/18/2024	1146
7439-95-4	Magnesium	3500		11/18/2024	1146
7439-96-5	Manganese	260	*	11/18/2024	1146
7440-02-0	Nickel	38		11/18/2024	1146
7440-09-7	Potassium	780		11/18/2024	1146
7782-49-2	Selenium	3.2	U*	11/18/2024	1146
7440-22-4	Silver	0.91	U*	11/18/2024	1146
7440-23-5	Sodium	240	J	11/18/2024	1146
7440-28-0	Thallium	2.3	U	11/18/2024	1146
7440-62-2	Vanadium	21		11/18/2024	1146
7440-66-6	Zinc	180		11/18/2024	1146

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

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MC0VE9

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

Lab Code: ACE Case No.: 51810 MA No. : SDG No.: MC0VD3

Matrix: SOIL Lab Sample ID: P4655-06

% Solids: 91.4 Date Received: 10/31/2024

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	8100		11/18/2024	1151
7440-36-0	Antimony	0.98	J	11/18/2024	1151
7440-38-2	Arsenic	15	*	11/18/2024	1151
7440-39-3	Barium	61		11/18/2024	1151
7440-41-7	Beryllium	0.79		11/18/2024	1151
7440-43-9	Cadmium	0.34	J	11/18/2024	1151
7440-70-2	Calcium	910		11/18/2024	1151
7440-47-3	Chromium	14		11/18/2024	1151
7440-48-4	Cobalt	10		11/18/2024	1151
7440-50-8	Copper	27		11/18/2024	1151
7439-89-6	Iron	27000		11/18/2024	1151
7439-92-1	Lead	99	*	11/18/2024	1151
7439-95-4	Magnesium	2500		11/18/2024	1151
7439-96-5	Manganese	330	*	11/18/2024	1151
7440-02-0	Nickel	35		11/18/2024	1151
7440-09-7	Potassium	370	J	11/18/2024	1151
7782-49-2	Selenium	2.7	U*	11/18/2024	1151
7440-22-4	Silver	0.78	U*	11/18/2024	1151
7440-23-5	Sodium	160	J	11/18/2024	1151
7440-28-0	Thallium	2.0	U	11/18/2024	1151
7440-62-2	Vanadium	19		11/18/2024	1151
7440-66-6	Zinc	98		11/18/2024	1151

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

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MC0VF0

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

Lab Code: ACE Case No.: 51810 MA No. : SDG No.: MC0VD3

Matrix: SOIL Lab Sample ID: P4655-07

% Solids: 86.4 Date Received: 10/31/2024

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	1155
7440-36-0	Antimony	1.1	J	11/18/2024	1155
7440-38-2	Arsenic	17	*	11/18/2024	1155
7440-39-3	Barium	150		11/18/2024	1155
7440-41-7	Beryllium	0.74		11/18/2024	1155
7440-43-9	Cadmium	1.7		11/18/2024	1155
7440-70-2	Calcium	1800		11/18/2024	1155
7440-47-3	Chromium	15		11/18/2024	1155
7440-48-4	Cobalt	9.8		11/18/2024	1155
7440-50-8	Copper	120		11/18/2024	1155
7439-89-6	Iron	28000		11/18/2024	1155
7439-92-1	Lead	360	*	11/18/2024	1155
7439-95-4	Magnesium	2100		11/18/2024	1155
7439-96-5	Manganese	420	*	11/18/2024	1155
7440-02-0	Nickel	30		11/18/2024	1155
7440-09-7	Potassium	490		11/18/2024	1155
7782-49-2	Selenium	3.1	U*	11/18/2024	1155
7440-22-4	Silver	0.90	U*	11/18/2024	1155
7440-23-5	Sodium	150	J	11/18/2024	1155
7440-28-0	Thallium	2.2	U	11/18/2024	1155
7440-62-2	Vanadium	19		11/18/2024	1155
7440-66-6	Zinc	200		11/18/2024	1155

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

Comments:

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MC0VF1

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

Lab Code: ACE Case No.: 51810 MA No. : SDG No.: MC0VD3

Matrix: SOIL Lab Sample ID: P4655-08

% Solids: 84.4 Date Received: 10/31/2024

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		11/18/2024	1200
7440-36-0	Antimony	0.86	J	11/18/2024	1200
7440-38-2	Arsenic	10	*	11/18/2024	1200
7440-39-3	Barium	56		11/18/2024	1200
7440-41-7	Beryllium	0.78		11/18/2024	1200
7440-43-9	Cadmium	0.26	J	11/18/2024	1200
7440-70-2	Calcium	1100		11/18/2024	1200
7440-47-3	Chromium	14		11/18/2024	1200
7440-48-4	Cobalt	12		11/18/2024	1200
7440-50-8	Copper	27		11/18/2024	1200
7439-89-6	Iron	31000		11/18/2024	1200
7439-92-1	Lead	26	*	11/18/2024	1200
7439-95-4	Magnesium	3000		11/18/2024	1200
7439-96-5	Manganese	310	*	11/18/2024	1200
7440-02-0	Nickel	28		11/18/2024	1200
7440-09-7	Potassium	640		11/18/2024	1200
7782-49-2	Selenium	2.9	U*	11/18/2024	1200
7440-22-4	Silver	0.84	U*	11/18/2024	1200
7440-23-5	Sodium	170	J	11/18/2024	1200
7440-28-0	Thallium	2.1	U	11/18/2024	1200
7440-62-2	Vanadium	22		11/18/2024	1200
7440-66-6	Zinc	72		11/18/2024	1200

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

Comments:

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MC0VF5

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

Lab Code: ACE Case No.: 51810 MA No. : SDG No.: MC0VD3

Matrix: SOIL Lab Sample ID: P4655-09

% Solids: 83.8 Date Received: 10/31/2024

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	7400		11/18/2024	1204
7440-36-0	Antimony	0.97	J	11/18/2024	1204
7440-38-2	Arsenic	14	*	11/18/2024	1204
7440-39-3	Barium	81		11/18/2024	1204
7440-41-7	Beryllium	0.70		11/18/2024	1204
7440-43-9	Cadmium	1.2		11/18/2024	1204
7440-70-2	Calcium	2400		11/18/2024	1204
7440-47-3	Chromium	18		11/18/2024	1204
7440-48-4	Cobalt	8.2		11/18/2024	1204
7440-50-8	Copper	38		11/18/2024	1204
7439-89-6	Iron	24000		11/18/2024	1204
7439-92-1	Lead	250	*	11/18/2024	1204
7439-95-4	Magnesium	2300		11/18/2024	1204
7439-96-5	Manganese	350	*	11/18/2024	1204
7440-02-0	Nickel	29		11/18/2024	1204
7440-09-7	Potassium	410	J	11/18/2024	1204
7782-49-2	Selenium	3.2	U*	11/18/2024	1204
7440-22-4	Silver	0.91	U*	11/18/2024	1204
7440-23-5	Sodium	150	J	11/18/2024	1204
7440-28-0	Thallium	2.3	U	11/18/2024	1204
7440-62-2	Vanadium	18		11/18/2024	1204
7440-66-6	Zinc	190		11/18/2024	1204

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

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MC0VF6

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

Lab Code: ACE Case No.: 51810 MA No. : SDG No.: MC0VD3

Matrix: SOIL Lab Sample ID: P4655-10

% Solids: 84.4 Date Received: 10/31/2024

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	7400		11/18/2024	1208
7440-36-0	Antimony	1.4	J	11/18/2024	1208
7440-38-2	Arsenic	12	*	11/18/2024	1208
7440-39-3	Barium	96		11/18/2024	1208
7440-41-7	Beryllium	0.56		11/18/2024	1208
7440-43-9	Cadmium	1.2		11/18/2024	1208
7440-70-2	Calcium	1800		11/18/2024	1208
7440-47-3	Chromium	14		11/18/2024	1208
7440-48-4	Cobalt	6.1		11/18/2024	1208
7440-50-8	Copper	72		11/18/2024	1208
7439-89-6	Iron	21000		11/18/2024	1208
7439-92-1	Lead	160	*	11/18/2024	1208
7439-95-4	Magnesium	1200		11/18/2024	1208
7439-96-5	Manganese	400	*	11/18/2024	1208
7440-02-0	Nickel	30		11/18/2024	1208
7440-09-7	Potassium	290	J	11/18/2024	1208
7782-49-2	Selenium	3.5	U*	11/18/2024	1208
7440-22-4	Silver	1.0	U*	11/18/2024	1208
7440-23-5	Sodium	110	J	11/18/2024	1208
7440-28-0	Thallium	2.5	U	11/18/2024	1208
7440-62-2	Vanadium	18		11/18/2024	1208
7440-66-6	Zinc	190		11/18/2024	1208

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

Comments:

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INORGANIC ANALYSIS DATA SHEET

MC0VG6

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

Lab Code: ACE Case No.: 51810 MA No. : SDG No.: MC0VD3

Matrix: SOIL Lab Sample ID: P4655-11

% Solids: 91.1 Date Received: 10/31/2024

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	3300		11/18/2024	1213
7440-36-0	Antimony	1.5	J	11/18/2024	1213
7440-38-2	Arsenic	18	*	11/18/2024	1213
7440-39-3	Barium	85		11/18/2024	1213
7440-41-7	Beryllium	0.47		11/18/2024	1213
7440-43-9	Cadmium	0.74		11/18/2024	1213
7440-70-2	Calcium	5300		11/18/2024	1213
7440-47-3	Chromium	12		11/18/2024	1213
7440-48-4	Cobalt	4.3		11/18/2024	1213
7440-50-8	Copper	53		11/18/2024	1213
7439-89-6	Iron	19000		11/18/2024	1213
7439-92-1	Lead	120	*	11/18/2024	1213
7439-95-4	Magnesium	2100		11/18/2024	1213
7439-96-5	Manganese	190	*	11/18/2024	1213
7440-02-0	Nickel	16		11/18/2024	1213
7440-09-7	Potassium	380	J	11/18/2024	1213
7782-49-2	Selenium	2.8	U*	11/18/2024	1213
7440-22-4	Silver	0.79	U*	11/18/2024	1213
7440-23-5	Sodium	130	J	11/18/2024	1213
7440-28-0	Thallium	0.72	J	11/18/2024	1213
7440-62-2	Vanadium	8.8		11/18/2024	1213
7440-66-6	Zinc	110		11/18/2024	1213

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MC0VG7

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

Lab Code: ACE Case No.: 51810 MA No. : SDG No.: MC0VD3

Matrix: SOIL Lab Sample ID: P4655-12

% Solids: 85.8 Date Received: 10/31/2024

Analytical Method: ICP_AES

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	7900		11/18/2024	1217
7440-36-0	Antimony	0.82	J	11/18/2024	1217
7440-38-2	Arsenic	11	*	11/18/2024	1217
7440-39-3	Barium	62		11/18/2024	1217
7440-41-7	Beryllium	0.63		11/18/2024	1217
7440-43-9	Cadmium	0.39	J	11/18/2024	1217
7440-70-2	Calcium	650		11/18/2024	1217
7440-47-3	Chromium	11		11/18/2024	1217
7440-48-4	Cobalt	7.3		11/18/2024	1217
7440-50-8	Copper	20		11/18/2024	1217
7439-89-6	Iron	21000		11/18/2024	1217
7439-92-1	Lead	300	*	11/18/2024	1217
7439-95-4	Magnesium	1700		11/18/2024	1217
7439-96-5	Manganese	360	*	11/18/2024	1217
7440-02-0	Nickel	24		11/18/2024	1217
7440-09-7	Potassium	260	J	11/18/2024	1217
7782-49-2	Selenium	3.2	U*	11/18/2024	1217
7440-22-4	Silver	0.90	U*	11/18/2024	1217
7440-23-5	Sodium	120	J	11/18/2024	1217
7440-28-0	Thallium	2.3	U	11/18/2024	1217
7440-62-2	Vanadium	16		11/18/2024	1217
7440-66-6	Zinc	100		11/18/2024	1217

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MC0VG8

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

Lab Code: ACE Case No.: 51810 MA No. : SDG No.: MC0VD3

Matrix: SOIL Lab Sample ID: P4655-13

% Solids: 87.5 Date Received: 10/31/2024

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	7400		11/18/2024	1222
7440-36-0	Antimony	1.6	J	11/18/2024	1222
7440-38-2	Arsenic	12	*	11/18/2024	1222
7440-39-3	Barium	99		11/18/2024	1222
7440-41-7	Beryllium	0.65		11/18/2024	1222
7440-43-9	Cadmium	1.8		11/18/2024	1222
7440-70-2	Calcium	1300		11/18/2024	1222
7440-47-3	Chromium	15		11/18/2024	1222
7440-48-4	Cobalt	7.3		11/18/2024	1222
7440-50-8	Copper	82		11/18/2024	1222
7439-89-6	Iron	22000		11/18/2024	1222
7439-92-1	Lead	360	*	11/18/2024	1222
7439-95-4	Magnesium	1700		11/18/2024	1222
7439-96-5	Manganese	300	*	11/18/2024	1222
7440-02-0	Nickel	23		11/18/2024	1222
7440-09-7	Potassium	310	J	11/18/2024	1222
7782-49-2	Selenium	3.0	U*	11/18/2024	1222
7440-22-4	Silver	0.87	U*	11/18/2024	1222
7440-23-5	Sodium	130	J	11/18/2024	1222
7440-28-0	Thallium	2.2	U	11/18/2024	1222
7440-62-2	Vanadium	17		11/18/2024	1222
7440-66-6	Zinc	230		11/18/2024	1222

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MC0VG9

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

Lab Code: ACE Case No.: 51810 MA No. : SDG No.: MC0VD3

Matrix: SOIL Lab Sample ID: P4655-14

% Solids: 86.4 Date Received: 10/31/2024

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	1226
7440-36-0	Antimony	1.4	J	11/18/2024	1226
7440-38-2	Arsenic	12	*	11/18/2024	1226
7440-39-3	Barium	80		11/18/2024	1226
7440-41-7	Beryllium	0.66		11/18/2024	1226
7440-43-9	Cadmium	1.1		11/18/2024	1226
7440-70-2	Calcium	1500		11/18/2024	1226
7440-47-3	Chromium	17		11/18/2024	1226
7440-48-4	Cobalt	6.9		11/18/2024	1226
7440-50-8	Copper	30		11/18/2024	1226
7439-89-6	Iron	21000		11/18/2024	1226
7439-92-1	Lead	280	*	11/18/2024	1226
7439-95-4	Magnesium	1800		11/18/2024	1226
7439-96-5	Manganese	270	*	11/18/2024	1226
7440-02-0	Nickel	22		11/18/2024	1226
7440-09-7	Potassium	330	J	11/18/2024	1226
7782-49-2	Selenium	3.2	U*	11/18/2024	1226
7440-22-4	Silver	0.93	U*	11/18/2024	1226
7440-23-5	Sodium	130	J	11/18/2024	1226
7440-28-0	Thallium	2.3	U	11/18/2024	1226
7440-62-2	Vanadium	17		11/18/2024	1226
7440-66-6	Zinc	120		11/18/2024	1226

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MC0VH0

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

Lab Code: ACE Case No.: 51810 MA No. : SDG No.: MC0VD3

Matrix: SOIL Lab Sample ID: P4655-15

% Solids: 79.2 Date Received: 10/31/2024

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	1230
7440-36-0	Antimony	0.93	J	11/18/2024	1230
7440-38-2	Arsenic	12	*	11/18/2024	1230
7440-39-3	Barium	130		11/18/2024	1230
7440-41-7	Beryllium	0.65		11/18/2024	1230
7440-43-9	Cadmium	1.2		11/18/2024	1230
7440-70-2	Calcium	6500		11/18/2024	1230
7440-47-3	Chromium	14		11/18/2024	1230
7440-48-4	Cobalt	7.3		11/18/2024	1230
7440-50-8	Copper	53		11/18/2024	1230
7439-89-6	Iron	23000		11/18/2024	1230
7439-92-1	Lead	220	*	11/18/2024	1230
7439-95-4	Magnesium	3400		11/18/2024	1230
7439-96-5	Manganese	400	*	11/18/2024	1230
7440-02-0	Nickel	23		11/18/2024	1230
7440-09-7	Potassium	590		11/18/2024	1230
7782-49-2	Selenium	3.5	U*	11/18/2024	1230
7440-22-4	Silver	1.0	U*	11/18/2024	1230
7440-23-5	Sodium	200	J	11/18/2024	1230
7440-28-0	Thallium	2.5	U	11/18/2024	1230
7440-62-2	Vanadium	18		11/18/2024	1230
7440-66-6	Zinc	250		11/18/2024	1230

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MC0VH1

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

Lab Code: ACE Case No.: 51810 MA No. : SDG No.: MC0VD3

Matrix: SOIL Lab Sample ID: P4655-17

% Solids: 87.8 Date Received: 10/31/2024

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	1239
7440-36-0	Antimony	1.3	J	11/18/2024	1239
7440-38-2	Arsenic	17	*	11/18/2024	1239
7440-39-3	Barium	79		11/18/2024	1239
7440-41-7	Beryllium	0.77		11/18/2024	1239
7440-43-9	Cadmium	0.50		11/18/2024	1239
7440-70-2	Calcium	1400		11/18/2024	1239
7440-47-3	Chromium	13		11/18/2024	1239
7440-48-4	Cobalt	12		11/18/2024	1239
7440-50-8	Copper	30		11/18/2024	1239
7439-89-6	Iron	29000		11/18/2024	1239
7439-92-1	Lead	49	*	11/18/2024	1239
7439-95-4	Magnesium	2500		11/18/2024	1239
7439-96-5	Manganese	470	*	11/18/2024	1239
7440-02-0	Nickel	27		11/18/2024	1239
7440-09-7	Potassium	640		11/18/2024	1239
7782-49-2	Selenium	3.4	U*	11/18/2024	1239
7440-22-4	Silver	0.98	U*	11/18/2024	1239
7440-23-5	Sodium	160	J	11/18/2024	1239
7440-28-0	Thallium	2.5	U	11/18/2024	1239
7440-62-2	Vanadium	20		11/18/2024	1239
7440-66-6	Zinc	100		11/18/2024	1239

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MC0VH2

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

Lab Code: ACE Case No.: 51810 MA No. : SDG No.: MC0VD3

Matrix: SOIL Lab Sample ID: P4655-18

% Solids: 95.1 Date Received: 10/31/2024

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	8000		11/18/2024	1244
7440-36-0	Antimony	0.71	J	11/18/2024	1244
7440-38-2	Arsenic	12	*	11/18/2024	1244
7440-39-3	Barium	34		11/18/2024	1244
7440-41-7	Beryllium	0.60		11/18/2024	1244
7440-43-9	Cadmium	0.48		11/18/2024	1244
7440-70-2	Calcium	770		11/18/2024	1244
7440-47-3	Chromium	11		11/18/2024	1244
7440-48-4	Cobalt	7.0		11/18/2024	1244
7440-50-8	Copper	17		11/18/2024	1244
7439-89-6	Iron	21000		11/18/2024	1244
7439-92-1	Lead	26	*	11/18/2024	1244
7439-95-4	Magnesium	1700		11/18/2024	1244
7439-96-5	Manganese	250	*	11/18/2024	1244
7440-02-0	Nickel	19		11/18/2024	1244
7440-09-7	Potassium	320	J	11/18/2024	1244
7782-49-2	Selenium	2.7	U*	11/18/2024	1244
7440-22-4	Silver	0.77	U*	11/18/2024	1244
7440-23-5	Sodium	120	J	11/18/2024	1244
7440-28-0	Thallium	1.9	U	11/18/2024	1244
7440-62-2	Vanadium	17		11/18/2024	1244
7440-66-6	Zinc	67		11/18/2024	1244

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MC0VH3

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

Lab Code: ACE Case No.: 51810 MA No. : SDG No.: MC0VD3

Matrix: SOIL Lab Sample ID: P4655-19

% Solids: 84.6 Date Received: 10/31/2024

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	1248
7440-36-0	Antimony	3.7	J	11/18/2024	1248
7440-38-2	Arsenic	11	*	11/18/2024	1248
7440-39-3	Barium	8600	D	11/18/2024	2044
7440-41-7	Beryllium	0.77		11/18/2024	1248
7440-43-9	Cadmium	4.6		11/18/2024	1248
7440-70-2	Calcium	14000		11/18/2024	1248
7440-47-3	Chromium	100		11/18/2024	1248
7440-48-4	Cobalt	7.6		11/18/2024	1248
7440-50-8	Copper	200		11/18/2024	1248
7439-89-6	Iron	22000		11/18/2024	1248
7439-92-1	Lead	4200	*	11/18/2024	1248
7439-95-4	Magnesium	2200		11/18/2024	1248
7439-96-5	Manganese	470	*	11/18/2024	1248
7440-02-0	Nickel	23		11/18/2024	1248
7440-09-7	Potassium	660		11/18/2024	1248
7782-49-2	Selenium	3.4	U*	11/18/2024	1248
7440-22-4	Silver	0.97	U*	11/18/2024	1248
7440-23-5	Sodium	270	J	11/18/2024	1248
7440-28-0	Thallium	2.4	U	11/18/2024	1248
7440-62-2	Vanadium	18		11/18/2024	1248
7440-66-6	Zinc	5900	D	11/18/2024	2044

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MC0VH7

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

Lab Code: ACE Case No.: 51810 MA No. : SDG No.: MC0VD3

Matrix: SOIL Lab Sample ID: P4655-20

% Solids: 97.1 Date Received: 10/31/2024

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	0925
7440-36-0	Antimony	0.92	J	11/18/2024	0925
7440-38-2	Arsenic	11	*	11/18/2024	0925
7440-39-3	Barium	80		11/18/2024	0925
7440-41-7	Beryllium	0.61		11/18/2024	0925
7440-43-9	Cadmium	1.3		11/18/2024	0925
7440-70-2	Calcium	2400		11/18/2024	0925
7440-47-3	Chromium	17		11/18/2024	0925
7440-48-4	Cobalt	7.8		11/18/2024	0925
7440-50-8	Copper	73		11/18/2024	0925
7439-89-6	Iron	20000		11/18/2024	0925
7439-92-1	Lead	570	*	11/18/2024	0925
7439-95-4	Magnesium	2100		11/18/2024	0925
7439-96-5	Manganese	330	*	11/18/2024	0925
7440-02-0	Nickel	23		11/18/2024	0925
7440-09-7	Potassium	540		11/18/2024	0925
7782-49-2	Selenium	2.6	U*	11/18/2024	0925
7440-22-4	Silver	0.73	U*	11/18/2024	0925
7440-23-5	Sodium	150	J	11/18/2024	0925
7440-28-0	Thallium	1.8	U	11/18/2024	0925
7440-62-2	Vanadium	16		11/18/2024	0925
7440-66-6	Zinc	230		11/18/2024	0925

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MC0VJ1

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51810 MA No. : SDG No.: MC0VD3
 Matrix: SOIL Lab Sample ID: P4655-16
 % Solids: 89.2 Date Received: 10/31/2024
 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	7800		11/18/2024	1235
7440-36-0	Antimony	0.87	J	11/18/2024	1235
7440-38-2	Arsenic	11	*	11/18/2024	1235
7440-39-3	Barium	110		11/18/2024	1235
7440-41-7	Beryllium	0.65		11/18/2024	1235
7440-43-9	Cadmium	0.72		11/18/2024	1235
7440-70-2	Calcium	1700		11/18/2024	1235
7440-47-3	Chromium	11		11/18/2024	1235
7440-48-4	Cobalt	7.1		11/18/2024	1235
7440-50-8	Copper	23		11/18/2024	1235
7439-89-6	Iron	24000		11/18/2024	1235
7439-92-1	Lead	310	*	11/18/2024	1235
7439-95-4	Magnesium	1800		11/18/2024	1235
7439-96-5	Manganese	390	*	11/18/2024	1235
7440-02-0	Nickel	19		11/18/2024	1235
7440-09-7	Potassium	320	J	11/18/2024	1235
7782-49-2	Selenium	2.9	U*	11/18/2024	1235
7440-22-4	Silver	0.82	U*	11/18/2024	1235
7440-23-5	Sodium	140	J	11/18/2024	1235
7440-28-0	Thallium	2.1	U	11/18/2024	1235
7440-62-2	Vanadium	18		11/18/2024	1235
7440-66-6	Zinc	170		11/18/2024	1235

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

Comments: