

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYCYW9

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

Lab Code: ACE Case No.: 51779 MA No. : 3225.1 SDG No.: MYCYW9

Matrix: SOIL Lab Sample ID: P5180-01

% Solids: 98.8 Date Received: 12/06/2024

Analytical Method: ICP_MS

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
7440-36-0	Antimony	0.20	J	12/18/2024	2139
7440-38-2	Arsenic	67	*	12/18/2024	2139
7440-39-3	Barium	280		12/18/2024	2139
7440-41-7	Beryllium	0.53		12/18/2024	2139
7440-43-9	Cadmium	0.30	J	12/18/2024	2139
7440-47-3	Chromium	46		12/18/2024	2139
7440-48-4	Cobalt	33		12/18/2024	2139
7440-50-8	Copper	68	*	12/18/2024	2139
7439-92-1	Lead	26		12/18/2024	2139
7440-02-0	Nickel	34		12/18/2024	2139
7782-49-2	Selenium	0.26	J	12/18/2024	2139
7440-22-4	Silver	0.069	J	12/18/2024	2139
7440-28-0	Thallium	0.15	J	12/18/2024	2139
7440-62-2	Vanadium	110		12/18/2024	2139
7440-66-6	Zinc	150		12/18/2024	2139

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

Comments:

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MYCYX0

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

Lab Code: ACE Case No.: 51779 MA No. : 3225.1 SDG No.: MYCYW9

Matrix: SOIL Lab Sample ID: P5180-02

% Solids: 98.6 Date Received: 12/06/2024

Analytical Method: ICP_MS

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
7440-36-0	Antimony	0.23	J	12/18/2024	2142
7440-38-2	Arsenic	110	*	12/18/2024	2142
7440-39-3	Barium	160		12/18/2024	2142
7440-41-7	Beryllium	0.42		12/18/2024	2142
7440-43-9	Cadmium	1.2		12/18/2024	2142
7440-47-3	Chromium	81		12/18/2024	2142
7440-48-4	Cobalt	41		12/18/2024	2142
7440-50-8	Copper	160	*	12/18/2024	2142
7439-92-1	Lead	62		12/18/2024	2142
7440-02-0	Nickel	52		12/18/2024	2142
7782-49-2	Selenium	0.48	J	12/18/2024	2142
7440-22-4	Silver	0.25	J	12/18/2024	2142
7440-28-0	Thallium	0.088	J	12/18/2024	2142
7440-62-2	Vanadium	170		12/18/2024	2142
7440-66-6	Zinc	140		12/18/2024	2142

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

Comments:

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MYCYX1

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

Lab Code: ACE Case No.: 51779 MA No. : 3225.1 SDG No.: MYCYW9

Matrix: SOIL Lab Sample ID: P5180-03

% Solids: 98.6 Date Received: 12/06/2024

Analytical Method: ICP_MS

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
7440-36-0	Antimony	0.14	J	12/18/2024	2145
7440-38-2	Arsenic	93	*	12/18/2024	2145
7440-39-3	Barium	380		12/18/2024	2145
7440-41-7	Beryllium	0.46		12/18/2024	2145
7440-43-9	Cadmium	0.38		12/18/2024	2145
7440-47-3	Chromium	70		12/18/2024	2145
7440-48-4	Cobalt	39		12/18/2024	2145
7440-50-8	Copper	110	*	12/18/2024	2145
7439-92-1	Lead	22		12/18/2024	2145
7440-02-0	Nickel	45		12/18/2024	2145
7782-49-2	Selenium	0.29	J	12/18/2024	2145
7440-22-4	Silver	0.078	J	12/18/2024	2145
7440-28-0	Thallium	0.10	J	12/18/2024	2145
7440-62-2	Vanadium	150		12/18/2024	2145
7440-66-6	Zinc	120		12/18/2024	2145

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

Comments:

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MYCYX2

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

Lab Code: ACE Case No.: 51779 MA No. : 3225.1 SDG No.: MYCYW9

Matrix: SOIL Lab Sample ID: P5180-04

% Solids: 99.1 Date Received: 12/06/2024

Analytical Method: ICP_MS

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
7440-36-0	Antimony	0.30	J	12/18/2024	2148
7440-38-2	Arsenic	36	*	12/18/2024	2148
7440-39-3	Barium	460		12/18/2024	2148
7440-41-7	Beryllium	0.39		12/18/2024	2148
7440-43-9	Cadmium	0.83		12/18/2024	2148
7440-47-3	Chromium	27		12/18/2024	2148
7440-48-4	Cobalt	36		12/18/2024	2148
7440-50-8	Copper	100	*	12/18/2024	2148
7439-92-1	Lead	58		12/18/2024	2148
7440-02-0	Nickel	24		12/18/2024	2148
7782-49-2	Selenium	0.22	J	12/18/2024	2148
7440-22-4	Silver	0.17	J	12/18/2024	2148
7440-28-0	Thallium	0.15	J	12/18/2024	2148
7440-62-2	Vanadium	50		12/18/2024	2148
7440-66-6	Zinc	220		12/18/2024	2148

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

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MYCYX3

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

Lab Code: ACE Case No.: 51779 MA No. : 3225.1 SDG No.: MYCYW9

Matrix: SOIL Lab Sample ID: P5180-05

% Solids: 98.6 Date Received: 12/06/2024

Analytical Method: ICP_MS

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
7440-36-0	Antimony	0.31	J	12/18/2024	2151
7440-38-2	Arsenic	99	*	12/18/2024	2151
7440-39-3	Barium	390		12/18/2024	2151
7440-41-7	Beryllium	0.43		12/18/2024	2151
7440-43-9	Cadmium	0.99		12/18/2024	2151
7440-47-3	Chromium	54		12/18/2024	2151
7440-48-4	Cobalt	37		12/18/2024	2151
7440-50-8	Copper	120	*	12/18/2024	2151
7439-92-1	Lead	48		12/18/2024	2151
7440-02-0	Nickel	42		12/18/2024	2151
7782-49-2	Selenium	0.33	J	12/18/2024	2151
7440-22-4	Silver	0.15	J	12/18/2024	2151
7440-28-0	Thallium	0.12	J	12/18/2024	2151
7440-62-2	Vanadium	130		12/18/2024	2151
7440-66-6	Zinc	150		12/18/2024	2151

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

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MYCYX4

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

Lab Code: ACE Case No.: 51779 MA No. : 3225.1 SDG No.: MYCYW9

Matrix: SOIL Lab Sample ID: P5180-06

% Solids: 99.1 Date Received: 12/06/2024

Analytical Method: ICP_MS

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
7440-36-0	Antimony	0.20	J	12/18/2024	2154
7440-38-2	Arsenic	72	*	12/18/2024	2154
7440-39-3	Barium	420		12/18/2024	2154
7440-41-7	Beryllium	0.46		12/18/2024	2154
7440-43-9	Cadmium	0.59		12/18/2024	2154
7440-47-3	Chromium	47		12/18/2024	2154
7440-48-4	Cobalt	34		12/18/2024	2154
7440-50-8	Copper	110	*	12/18/2024	2154
7439-92-1	Lead	37		12/18/2024	2154
7440-02-0	Nickel	35		12/18/2024	2154
7782-49-2	Selenium	0.27	J	12/18/2024	2154
7440-22-4	Silver	0.12	J	12/18/2024	2154
7440-28-0	Thallium	0.13	J	12/18/2024	2154
7440-62-2	Vanadium	120		12/18/2024	2154
7440-66-6	Zinc	170		12/18/2024	2154

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

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MYCYX5

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

Lab Code: ACE Case No.: 51779 MA No. : 3225.1 SDG No.: MYCYW9

Matrix: SOIL Lab Sample ID: P5180-07

% Solids: 98.9 Date Received: 12/06/2024

Analytical Method: ICP_MS

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
7440-36-0	Antimony	0.29	J	12/18/2024	2157
7440-38-2	Arsenic	39	*	12/18/2024	2157
7440-39-3	Barium	320		12/18/2024	2157
7440-41-7	Beryllium	0.36	J	12/18/2024	2157
7440-43-9	Cadmium	0.74		12/18/2024	2157
7440-47-3	Chromium	27		12/18/2024	2157
7440-48-4	Cobalt	38		12/18/2024	2157
7440-50-8	Copper	110	*	12/18/2024	2157
7439-92-1	Lead	57		12/18/2024	2157
7440-02-0	Nickel	25		12/18/2024	2157
7782-49-2	Selenium	0.33	J	12/18/2024	2157
7440-22-4	Silver	0.17	J	12/18/2024	2157
7440-28-0	Thallium	0.11	J	12/18/2024	2157
7440-62-2	Vanadium	51		12/18/2024	2157
7440-66-6	Zinc	210		12/18/2024	2157

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

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MYCYX6

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

Lab Code: ACE Case No.: 51779 MA No. : 3225.1 SDG No.: MYCYW9

Matrix: SOIL Lab Sample ID: P5180-08

% Solids: 98.8 Date Received: 12/06/2024

Analytical Method: ICP_MS

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
7440-36-0	Antimony	0.28	J	12/18/2024	2201
7440-38-2	Arsenic	60	*	12/18/2024	2201
7440-39-3	Barium	320		12/18/2024	2201
7440-41-7	Beryllium	0.49		12/18/2024	2201
7440-43-9	Cadmium	0.47		12/18/2024	2201
7440-47-3	Chromium	43		12/18/2024	2201
7440-48-4	Cobalt	34		12/18/2024	2201
7440-50-8	Copper	87	*	12/18/2024	2201
7439-92-1	Lead	35		12/18/2024	2201
7440-02-0	Nickel	34		12/18/2024	2201
7782-49-2	Selenium	0.28	J	12/18/2024	2201
7440-22-4	Silver	0.11	J	12/18/2024	2201
7440-28-0	Thallium	0.15	J	12/18/2024	2201
7440-62-2	Vanadium	99		12/18/2024	2201
7440-66-6	Zinc	170		12/18/2024	2201

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

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MYCYX7

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

Lab Code: ACE Case No.: 51779 MA No. : 3225.1 SDG No.: MYCYW9

Matrix: SOIL Lab Sample ID: P5180-09

% Solids: 98.9 Date Received: 12/06/2024

Analytical Method: ICP_MS

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
7440-36-0	Antimony	0.20	J	12/18/2024	2204
7440-38-2	Arsenic	32	*	12/18/2024	2204
7440-39-3	Barium	320		12/18/2024	2204
7440-41-7	Beryllium	0.40		12/18/2024	2204
7440-43-9	Cadmium	0.36	J	12/18/2024	2204
7440-47-3	Chromium	26		12/18/2024	2204
7440-48-4	Cobalt	34		12/18/2024	2204
7440-50-8	Copper	77	*	12/18/2024	2204
7439-92-1	Lead	39		12/18/2024	2204
7440-02-0	Nickel	25		12/18/2024	2204
7782-49-2	Selenium	0.23	J	12/18/2024	2204
7440-22-4	Silver	0.10	J	12/18/2024	2204
7440-28-0	Thallium	0.16	J	12/18/2024	2204
7440-62-2	Vanadium	48		12/18/2024	2204
7440-66-6	Zinc	200		12/18/2024	2204

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

Comments:

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MYCYX8

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

Lab Code: ACE Case No.: 51779 MA No. : 3225.1 SDG No.: MYCYW9

Matrix: SOIL Lab Sample ID: P5180-10

% Solids: 99.1 Date Received: 12/06/2024

Analytical Method: ICP_MS

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
7440-36-0	Antimony	0.21	J	12/18/2024	2207
7440-38-2	Arsenic	45	*	12/18/2024	2207
7440-39-3	Barium	640		12/18/2024	2207
7440-41-7	Beryllium	0.44		12/18/2024	2207
7440-43-9	Cadmium	0.99		12/18/2024	2207
7440-47-3	Chromium	32		12/18/2024	2207
7440-48-4	Cobalt	37		12/18/2024	2207
7440-50-8	Copper	150	*	12/18/2024	2207
7439-92-1	Lead	79		12/18/2024	2207
7440-02-0	Nickel	29		12/18/2024	2207
7782-49-2	Selenium	0.30	J	12/18/2024	2207
7440-22-4	Silver	0.18	J	12/18/2024	2207
7440-28-0	Thallium	0.17	J	12/18/2024	2207
7440-62-2	Vanadium	66		12/18/2024	2207
7440-66-6	Zinc	220		12/18/2024	2207

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

Comments:

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MYCZA9

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

Lab Code: ACE Case No.: 51779 MA No. : 3225.1 SDG No.: MYCYW9

Matrix: SOIL Lab Sample ID: P5180-11

% Solids: 96.8 Date Received: 12/06/2024

Analytical Method: ICP_MS

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
7440-36-0	Antimony	1.2		12/18/2024	2216
7440-38-2	Arsenic	51	*	12/18/2024	2216
7440-39-3	Barium	54		12/18/2024	2216
7440-41-7	Beryllium	0.34	J	12/18/2024	2216
7440-43-9	Cadmium	0.45		12/18/2024	2216
7440-47-3	Chromium	100		12/18/2024	2216
7440-48-4	Cobalt	66		12/18/2024	2216
7440-50-8	Copper	200	*	12/18/2024	2216
7439-92-1	Lead	9.6		12/18/2024	2216
7440-02-0	Nickel	74		12/18/2024	2216
7782-49-2	Selenium	0.44	J	12/18/2024	2216
7440-22-4	Silver	0.12	J	12/18/2024	2216
7440-28-0	Thallium	0.091	J	12/18/2024	2216
7440-62-2	Vanadium	200		12/18/2024	2216
7440-66-6	Zinc	100		12/18/2024	2216

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

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MYCZB0

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

Lab Code: ACE Case No.: 51779 MA No. : 3225.1 SDG No.: MYCYW9

Matrix: SOIL Lab Sample ID: P5180-12

% Solids: 97.1 Date Received: 12/06/2024

Analytical Method: ICP_MS

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
7440-36-0	Antimony	0.090	J	12/18/2024	2219
7440-38-2	Arsenic	50	*	12/18/2024	2219
7440-39-3	Barium	58		12/18/2024	2219
7440-41-7	Beryllium	0.33	J	12/18/2024	2219
7440-43-9	Cadmium	0.38	J	12/18/2024	2219
7440-47-3	Chromium	98		12/18/2024	2219
7440-48-4	Cobalt	66		12/18/2024	2219
7440-50-8	Copper	280	*	12/18/2024	2219
7439-92-1	Lead	8.0		12/18/2024	2219
7440-02-0	Nickel	74		12/18/2024	2219
7782-49-2	Selenium	0.41	J	12/18/2024	2219
7440-22-4	Silver	0.10	J	12/18/2024	2219
7440-28-0	Thallium	0.057	J	12/18/2024	2219
7440-62-2	Vanadium	200		12/18/2024	2219
7440-66-6	Zinc	99		12/18/2024	2219

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

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MYCZB1

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

Lab Code: ACE Case No.: 51779 MA No. : 3225.1 SDG No.: MYCYW9

Matrix: SOIL Lab Sample ID: P5180-13

% Solids: 97.5 Date Received: 12/06/2024

Analytical Method: ICP_MS

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
7440-36-0	Antimony	0.078	J	12/18/2024	2222
7440-38-2	Arsenic	44	*	12/18/2024	2222
7440-39-3	Barium	47		12/18/2024	2222
7440-41-7	Beryllium	0.31	J	12/18/2024	2222
7440-43-9	Cadmium	0.30	J	12/18/2024	2222
7440-47-3	Chromium	110		12/18/2024	2222
7440-48-4	Cobalt	73		12/18/2024	2222
7440-50-8	Copper	190	*	12/18/2024	2222
7439-92-1	Lead	3.1		12/18/2024	2222
7440-02-0	Nickel	82		12/18/2024	2222
7782-49-2	Selenium	2.0	U	12/18/2024	2222
7440-22-4	Silver	0.074	J	12/18/2024	2222
7440-28-0	Thallium	0.051	J	12/18/2024	2222
7440-62-2	Vanadium	230		12/18/2024	2222
7440-66-6	Zinc	100		12/18/2024	2222

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

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MYCZB2

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

Lab Code: ACE Case No.: 51779 MA No. : 3225.1 SDG No.: MYCYW9

Matrix: SOIL Lab Sample ID: P5180-14

% Solids: 94.7 Date Received: 12/06/2024

Analytical Method: ICP_MS

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
7440-36-0	Antimony	0.063	J	12/18/2024	2225
7440-38-2	Arsenic	56	*	12/18/2024	2225
7440-39-3	Barium	72		12/18/2024	2225
7440-41-7	Beryllium	0.39	J	12/18/2024	2225
7440-43-9	Cadmium	0.28	J	12/18/2024	2225
7440-47-3	Chromium	110		12/18/2024	2225
7440-48-4	Cobalt	94		12/18/2024	2225
7440-50-8	Copper	210	*	12/18/2024	2225
7439-92-1	Lead	3.2		12/18/2024	2225
7440-02-0	Nickel	87		12/18/2024	2225
7782-49-2	Selenium	0.34	J	12/18/2024	2225
7440-22-4	Silver	0.12	J	12/18/2024	2225
7440-28-0	Thallium	0.058	J	12/18/2024	2225
7440-62-2	Vanadium	220		12/18/2024	2225
7440-66-6	Zinc	93		12/18/2024	2225

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

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MYCZB3

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

Lab Code: ACE Case No.: 51779 MA No. : 3225.1 SDG No.: MYCYW9

Matrix: SOIL Lab Sample ID: P5180-15

% Solids: 97.7 Date Received: 12/06/2024

Analytical Method: ICP_MS

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
7440-36-0	Antimony	0.085	J	12/18/2024	2228
7440-38-2	Arsenic	38	*	12/18/2024	2228
7440-39-3	Barium	38		12/18/2024	2228
7440-41-7	Beryllium	0.29	J	12/18/2024	2228
7440-43-9	Cadmium	0.21	J	12/18/2024	2228
7440-47-3	Chromium	120		12/18/2024	2228
7440-48-4	Cobalt	62		12/18/2024	2228
7440-50-8	Copper	170	*	12/18/2024	2228
7439-92-1	Lead	1.6		12/18/2024	2228
7440-02-0	Nickel	79		12/18/2024	2228
7782-49-2	Selenium	1.9	U	12/18/2024	2228
7440-22-4	Silver	0.047	J	12/18/2024	2228
7440-28-0	Thallium	0.047	J	12/18/2024	2228
7440-62-2	Vanadium	220		12/18/2024	2228
7440-66-6	Zinc	96		12/18/2024	2228

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYCZB4

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

Lab Code: ACE Case No.: 51779 MA No. : 3225.1 SDG No.: MYCYW9

Matrix: SOIL Lab Sample ID: P5180-16

% Solids: 96.7 Date Received: 12/06/2024

Analytical Method: ICP_MS

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
7440-36-0	Antimony	0.058	J	12/18/2024	2232
7440-38-2	Arsenic	52	*	12/18/2024	2232
7440-39-3	Barium	51		12/18/2024	2232
7440-41-7	Beryllium	0.31	J	12/18/2024	2232
7440-43-9	Cadmium	0.29	J	12/18/2024	2232
7440-47-3	Chromium	110		12/18/2024	2232
7440-48-4	Cobalt	70		12/18/2024	2232
7440-50-8	Copper	190	*	12/18/2024	2232
7439-92-1	Lead	1.3		12/18/2024	2232
7440-02-0	Nickel	86		12/18/2024	2232
7782-49-2	Selenium	1.9	U	12/18/2024	2232
7440-22-4	Silver	0.050	J	12/18/2024	2232
7440-28-0	Thallium	0.042	J	12/18/2024	2232
7440-62-2	Vanadium	220		12/18/2024	2232
7440-66-6	Zinc	100		12/18/2024	2232

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYCZB5

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

Lab Code: ACE Case No.: 51779 MA No. : 3225.1 SDG No.: MYCYW9

Matrix: SOIL Lab Sample ID: P5180-17

% Solids: 99.3 Date Received: 12/06/2024

Analytical Method: ICP_MS

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
7440-36-0	Antimony	0.070	J	12/18/2024	2235
7440-38-2	Arsenic	22	*	12/18/2024	2235
7440-39-3	Barium	120		12/18/2024	2235
7440-41-7	Beryllium	0.45		12/18/2024	2235
7440-43-9	Cadmium	0.38	J	12/18/2024	2235
7440-47-3	Chromium	32		12/18/2024	2235
7440-48-4	Cobalt	17		12/18/2024	2235
7440-50-8	Copper	69	*	12/18/2024	2235
7439-92-1	Lead	15		12/18/2024	2235
7440-02-0	Nickel	23		12/18/2024	2235
7782-49-2	Selenium	0.34	J	12/18/2024	2235
7440-22-4	Silver	0.11	J	12/18/2024	2235
7440-28-0	Thallium	0.11	J	12/18/2024	2235
7440-62-2	Vanadium	70		12/18/2024	2235
7440-66-6	Zinc	79		12/18/2024	2235

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYCZB6

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

Lab Code: ACE Case No.: 51779 MA No. : 3225.1 SDG No.: MYCYW9

Matrix: SOIL Lab Sample ID: P5180-18

% Solids: 98.5 Date Received: 12/06/2024

Analytical Method: ICP_MS

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
7440-36-0	Antimony	0.14	J	12/18/2024	2238
7440-38-2	Arsenic	31	*	12/18/2024	2238
7440-39-3	Barium	25		12/18/2024	2238
7440-41-7	Beryllium	0.24	J	12/18/2024	2238
7440-43-9	Cadmium	0.23	J	12/18/2024	2238
7440-47-3	Chromium	96		12/18/2024	2238
7440-48-4	Cobalt	57		12/18/2024	2238
7440-50-8	Copper	180	*	12/18/2024	2238
7439-92-1	Lead	1.5		12/18/2024	2238
7440-02-0	Nickel	69		12/18/2024	2238
7782-49-2	Selenium	0.24	J	12/18/2024	2238
7440-22-4	Silver	0.050	J	12/18/2024	2238
7440-28-0	Thallium	0.035	J	12/18/2024	2238
7440-62-2	Vanadium	190		12/18/2024	2238
7440-66-6	Zinc	94		12/18/2024	2238

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYCZB7

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51779 MA No. : 3225.1 SDG No.: MYCYW9
 Matrix: SOIL Lab Sample ID: P5180-19
 % Solids: 98.5 Date Received: 12/06/2024
 Analytical Method: ICP_MS
 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
7440-36-0	Antimony	3.3		12/18/2024	2241
7440-38-2	Arsenic	42	*	12/18/2024	2241
7440-39-3	Barium	35		12/18/2024	2241
7440-41-7	Beryllium	0.28	J	12/18/2024	2241
7440-43-9	Cadmium	0.48		12/18/2024	2241
7440-47-3	Chromium	130		12/18/2024	2241
7440-48-4	Cobalt	52		12/18/2024	2241
7440-50-8	Copper	190	*	12/18/2024	2241
7439-92-1	Lead	11		12/18/2024	2241
7440-02-0	Nickel	82		12/18/2024	2241
7782-49-2	Selenium	0.46	J	12/18/2024	2241
7440-22-4	Silver	0.091	J	12/18/2024	2241
7440-28-0	Thallium	0.034	J	12/18/2024	2241
7440-62-2	Vanadium	180		12/18/2024	2241
7440-66-6	Zinc	96		12/18/2024	2241

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYCZB8

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

Lab Code: ACE Case No.: 51779 MA No. : 3225.1 SDG No.: MYCYW9

Matrix: SOIL Lab Sample ID: P5180-20

% Solids: 98.8 Date Received: 12/06/2024

Analytical Method: ICP_MS

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
7440-36-0	Antimony	0.072	J	12/18/2024	2244
7440-38-2	Arsenic	23	*	12/18/2024	2244
7440-39-3	Barium	72	D	12/18/2024	2331
7440-41-7	Beryllium	0.24	J	12/18/2024	2244
7440-43-9	Cadmium	0.19	J	12/18/2024	2244
7440-47-3	Chromium	63		12/18/2024	2244
7440-48-4	Cobalt	50	D	12/18/2024	2331
7440-50-8	Copper	140	*	12/18/2024	2244
7439-92-1	Lead	2.8		12/18/2024	2244
7440-02-0	Nickel	58	D	12/18/2024	2331
7782-49-2	Selenium	2.1	U	12/18/2024	2244
7440-22-4	Silver	0.42	U	12/18/2024	2244
7440-28-0	Thallium	0.059	J	12/18/2024	2244
7440-62-2	Vanadium	150	D	12/18/2024	2331
7440-66-6	Zinc	75		12/18/2024	2244

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

Comments: