

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYE5L0

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

Lab Code: ACE Case No.: 51817 MA No. : 3225.1 SDG No.: MYE5L0

Matrix: SOIL Lab Sample ID: P4589-01

% Solids: 93.4 Date Received: 10/26/2024

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	1.0		11/12/2024	2128
7440-38-2	Arsenic	35		11/12/2024	2128
7440-39-3	Barium	170		11/12/2024	2128
7440-41-7	Beryllium	0.47		11/12/2024	2128
7440-43-9	Cadmium	0.71		11/12/2024	2128
7440-47-3	Chromium	24		11/12/2024	2128
7440-48-4	Cobalt	15		11/12/2024	2128
7440-50-8	Copper	92		11/12/2024	2128
7439-92-1	Lead	36		11/12/2024	2128
7440-02-0	Nickel	23		11/12/2024	2128
7782-49-2	Selenium	0.39	J	11/12/2024	2128
7440-22-4	Silver	0.17	J	11/12/2024	2128
7440-28-0	Thallium	0.12	J	11/12/2024	2128
7440-62-2	Vanadium	45		11/12/2024	2128
7440-66-6	Zinc	120	*	11/12/2024	2128

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

Comments:

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MYE5L1

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

Lab Code: ACE Case No.: 51817 MA No. : 3225.1 SDG No.: MYE5L0

Matrix: SOIL Lab Sample ID: P4589-02

% Solids: 94.9 Date Received: 10/26/2024

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	0.49	J	11/12/2024	2131
7440-38-2	Arsenic	32		11/12/2024	2131
7440-39-3	Barium	210		11/12/2024	2131
7440-41-7	Beryllium	0.54		11/12/2024	2131
7440-43-9	Cadmium	0.28	J	11/12/2024	2131
7440-47-3	Chromium	30		11/12/2024	2131
7440-48-4	Cobalt	14		11/12/2024	2131
7440-50-8	Copper	49		11/12/2024	2131
7439-92-1	Lead	11		11/12/2024	2131
7440-02-0	Nickel	34		11/12/2024	2131
7782-49-2	Selenium	0.31	J	11/12/2024	2131
7440-22-4	Silver	0.083	J	11/12/2024	2131
7440-28-0	Thallium	0.12	J	11/12/2024	2131
7440-62-2	Vanadium	48		11/12/2024	2131
7440-66-6	Zinc	83	*	11/12/2024	2131

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

Comments:

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MYE5L2

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

Lab Code: ACE Case No.: 51817 MA No. : 3225.1 SDG No.: MYE5L0

Matrix: SOIL Lab Sample ID: P4589-03

% Solids: 96.7 Date Received: 10/26/2024

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	0.75	J	11/12/2024	2134
7440-38-2	Arsenic	27		11/12/2024	2134
7440-39-3	Barium	140		11/12/2024	2134
7440-41-7	Beryllium	0.31	J	11/12/2024	2134
7440-43-9	Cadmium	0.17	J	11/12/2024	2134
7440-47-3	Chromium	29		11/12/2024	2134
7440-48-4	Cobalt	14		11/12/2024	2134
7440-50-8	Copper	39		11/12/2024	2134
7439-92-1	Lead	6.8		11/12/2024	2134
7440-02-0	Nickel	25		11/12/2024	2134
7782-49-2	Selenium	0.33	J	11/12/2024	2134
7440-22-4	Silver	0.46	U	11/12/2024	2134
7440-28-0	Thallium	0.069	J	11/12/2024	2134
7440-62-2	Vanadium	36		11/12/2024	2134
7440-66-6	Zinc	83	*	11/12/2024	2134

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

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MYE5M3

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

Lab Code: ACE Case No.: 51817 MA No. : 3225.1 SDG No.: MYE5L0

Matrix: SOIL Lab Sample ID: P4589-04

% Solids: 98.6 Date Received: 10/26/2024

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	0.54	J	11/12/2024	2138
7440-38-2	Arsenic	44		11/12/2024	2138
7440-39-3	Barium	160		11/12/2024	2138
7440-41-7	Beryllium	0.53		11/12/2024	2138
7440-43-9	Cadmium	0.33	J	11/12/2024	2138
7440-47-3	Chromium	35		11/12/2024	2138
7440-48-4	Cobalt	18		11/12/2024	2138
7440-50-8	Copper	59		11/12/2024	2138
7439-92-1	Lead	25		11/12/2024	2138
7440-02-0	Nickel	35		11/12/2024	2138
7782-49-2	Selenium	0.30	J	11/12/2024	2138
7440-22-4	Silver	0.097	J	11/12/2024	2138
7440-28-0	Thallium	0.14	J	11/12/2024	2138
7440-62-2	Vanadium	69		11/12/2024	2138
7440-66-6	Zinc	92	*	11/12/2024	2138

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

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MYE5M4

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

Lab Code: ACE Case No.: 51817 MA No. : 3225.1 SDG No.: MYE5L0

Matrix: SOIL Lab Sample ID: P4589-05

% Solids: 96.6 Date Received: 10/26/2024

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	0.082	J	11/12/2024	2141
7440-38-2	Arsenic	22		11/12/2024	2141
7440-39-3	Barium	120		11/12/2024	2141
7440-41-7	Beryllium	0.54		11/12/2024	2141
7440-43-9	Cadmium	0.093	J	11/12/2024	2141
7440-47-3	Chromium	28		11/12/2024	2141
7440-48-4	Cobalt	10		11/12/2024	2141
7440-50-8	Copper	16		11/12/2024	2141
7439-92-1	Lead	12		11/12/2024	2141
7440-02-0	Nickel	24		11/12/2024	2141
7782-49-2	Selenium	1.8	U	11/12/2024	2141
7440-22-4	Silver	0.36	U	11/12/2024	2141
7440-28-0	Thallium	0.039	J	11/12/2024	2141
7440-62-2	Vanadium	22		11/12/2024	2141
7440-66-6	Zinc	48	*	11/12/2024	2141

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

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MYE5M5

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

Lab Code: ACE Case No.: 51817 MA No. : 3225.1 SDG No.: MYE5L0

Matrix: SOIL Lab Sample ID: P4589-06

% Solids: 97.8 Date Received: 10/26/2024

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	0.47	J	11/12/2024	2144
7440-38-2	Arsenic	53		11/12/2024	2144
7440-39-3	Barium	400		11/12/2024	2144
7440-41-7	Beryllium	0.70		11/12/2024	2144
7440-43-9	Cadmium	0.50		11/12/2024	2144
7440-47-3	Chromium	38		11/12/2024	2144
7440-48-4	Cobalt	19		11/12/2024	2144
7440-50-8	Copper	98		11/12/2024	2144
7439-92-1	Lead	36		11/12/2024	2144
7440-02-0	Nickel	41		11/12/2024	2144
7782-49-2	Selenium	0.33	J	11/12/2024	2144
7440-22-4	Silver	0.13	J	11/12/2024	2144
7440-28-0	Thallium	0.19	J	11/12/2024	2144
7440-62-2	Vanadium	72		11/12/2024	2144
7440-66-6	Zinc	110	*	11/12/2024	2144

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

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MYE5M6

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

Lab Code: ACE Case No.: 51817 MA No. : 3225.1 SDG No.: MYE5L0

Matrix: SOIL Lab Sample ID: P4589-07

% Solids: 95.8 Date Received: 10/26/2024

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	0.55	J	11/12/2024	2147
7440-38-2	Arsenic	64		11/12/2024	2147
7440-39-3	Barium	270		11/12/2024	2147
7440-41-7	Beryllium	0.73		11/12/2024	2147
7440-43-9	Cadmium	0.50		11/12/2024	2147
7440-47-3	Chromium	42		11/12/2024	2147
7440-48-4	Cobalt	23		11/12/2024	2147
7440-50-8	Copper	77		11/12/2024	2147
7439-92-1	Lead	25		11/12/2024	2147
7440-02-0	Nickel	45		11/12/2024	2147
7782-49-2	Selenium	0.39	J	11/12/2024	2147
7440-22-4	Silver	0.13	J	11/12/2024	2147
7440-28-0	Thallium	0.19	J	11/12/2024	2147
7440-62-2	Vanadium	83		11/12/2024	2147
7440-66-6	Zinc	110	*	11/12/2024	2147

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

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MYE5M7

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

Lab Code: ACE Case No.: 51817 MA No. : 3225.1 SDG No.: MYE5L0

Matrix: SOIL Lab Sample ID: P4589-08

% Solids: 99.2 Date Received: 10/26/2024

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	0.65	J	11/12/2024	2150
7440-38-2	Arsenic	55		11/12/2024	2150
7440-39-3	Barium	250		11/12/2024	2150
7440-41-7	Beryllium	0.65		11/12/2024	2150
7440-43-9	Cadmium	0.45		11/12/2024	2150
7440-47-3	Chromium	43		11/12/2024	2150
7440-48-4	Cobalt	22		11/12/2024	2150
7440-50-8	Copper	74		11/12/2024	2150
7439-92-1	Lead	22		11/12/2024	2150
7440-02-0	Nickel	44		11/12/2024	2150
7782-49-2	Selenium	0.28	J	11/12/2024	2150
7440-22-4	Silver	0.13	J	11/12/2024	2150
7440-28-0	Thallium	0.16	J	11/12/2024	2150
7440-62-2	Vanadium	84		11/12/2024	2150
7440-66-6	Zinc	99	*	11/12/2024	2150

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

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MYE5M8

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

Lab Code: ACE Case No.: 51817 MA No. : 3225.1 SDG No.: MYE5L0

Matrix: SOIL Lab Sample ID: P4589-09

% Solids: 96.7 Date Received: 10/26/2024

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	1.3		11/12/2024	2153
7440-38-2	Arsenic	70		11/12/2024	2153
7440-39-3	Barium	220		11/12/2024	2153
7440-41-7	Beryllium	0.73		11/12/2024	2153
7440-43-9	Cadmium	1.0		11/12/2024	2153
7440-47-3	Chromium	47		11/12/2024	2153
7440-48-4	Cobalt	23		11/12/2024	2153
7440-50-8	Copper	140		11/12/2024	2153
7439-92-1	Lead	45		11/12/2024	2153
7440-02-0	Nickel	48		11/12/2024	2153
7782-49-2	Selenium	0.41	J	11/12/2024	2153
7440-22-4	Silver	0.29	J	11/12/2024	2153
7440-28-0	Thallium	0.26	J	11/12/2024	2153
7440-62-2	Vanadium	91		11/12/2024	2153
7440-66-6	Zinc	140	*	11/12/2024	2153

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

Comments:

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MYE5M9

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

Lab Code: ACE Case No.: 51817 MA No. : 3225.1 SDG No.: MYE5L0

Matrix: SOIL Lab Sample ID: P4589-10

% Solids: 98.1 Date Received: 10/26/2024

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	0.82		11/12/2024	2206
7440-38-2	Arsenic	39		11/12/2024	2206
7440-39-3	Barium	160		11/12/2024	2206
7440-41-7	Beryllium	0.47		11/12/2024	2206
7440-43-9	Cadmium	0.53		11/12/2024	2206
7440-47-3	Chromium	45		11/12/2024	2206
7440-48-4	Cobalt	16		11/12/2024	2206
7440-50-8	Copper	80		11/12/2024	2206
7439-92-1	Lead	19		11/12/2024	2206
7440-02-0	Nickel	30		11/12/2024	2206
7782-49-2	Selenium	0.27	J	11/12/2024	2206
7440-22-4	Silver	0.17	J	11/12/2024	2206
7440-28-0	Thallium	0.13	J	11/12/2024	2206
7440-62-2	Vanadium	48		11/12/2024	2206
7440-66-6	Zinc	100	*	11/12/2024	2206

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

Comments:

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MYE5N0

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

Lab Code: ACE Case No.: 51817 MA No. : 3225.1 SDG No.: MYE5L0

Matrix: SOIL Lab Sample ID: P4589-11

% Solids: 97.9 Date Received: 10/26/2024

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	0.70	J	11/12/2024	2209
7440-38-2	Arsenic	37		11/12/2024	2209
7440-39-3	Barium	180		11/12/2024	2209
7440-41-7	Beryllium	0.45		11/12/2024	2209
7440-43-9	Cadmium	0.17	J	11/12/2024	2209
7440-47-3	Chromium	35		11/12/2024	2209
7440-48-4	Cobalt	17		11/12/2024	2209
7440-50-8	Copper	48		11/12/2024	2209
7439-92-1	Lead	8.7		11/12/2024	2209
7440-02-0	Nickel	34		11/12/2024	2209
7782-49-2	Selenium	1.8	U	11/12/2024	2209
7440-22-4	Silver	0.039	J	11/12/2024	2209
7440-28-0	Thallium	0.099	J	11/12/2024	2209
7440-62-2	Vanadium	45		11/12/2024	2209
7440-66-6	Zinc	70	*	11/12/2024	2209

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

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MYE5N1

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

Lab Code: ACE Case No.: 51817 MA No. : 3225.1 SDG No.: MYE5L0

Matrix: SOIL Lab Sample ID: P4589-12

% Solids: 98.1 Date Received: 10/26/2024

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	1.3		11/12/2024	2212
7440-38-2	Arsenic	56		11/12/2024	2212
7440-39-3	Barium	200		11/12/2024	2212
7440-41-7	Beryllium	0.46		11/12/2024	2212
7440-43-9	Cadmium	0.23	J	11/12/2024	2212
7440-47-3	Chromium	36		11/12/2024	2212
7440-48-4	Cobalt	19		11/12/2024	2212
7440-50-8	Copper	53		11/12/2024	2212
7439-92-1	Lead	11		11/12/2024	2212
7440-02-0	Nickel	42		11/12/2024	2212
7782-49-2	Selenium	0.32	J	11/12/2024	2212
7440-22-4	Silver	0.044	J	11/12/2024	2212
7440-28-0	Thallium	0.098	J	11/12/2024	2212
7440-62-2	Vanadium	58		11/12/2024	2212
7440-66-6	Zinc	75	*	11/12/2024	2212

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

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MYE5N2

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

Lab Code: ACE Case No.: 51817 MA No. : 3225.1 SDG No.: MYE5L0

Matrix: SOIL Lab Sample ID: P4589-13

% Solids: 97.3 Date Received: 10/26/2024

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	0.94		11/12/2024	2215
7440-38-2	Arsenic	36		11/12/2024	2215
7440-39-3	Barium	140	D	11/13/2024	0025
7440-41-7	Beryllium	0.33	J	11/12/2024	2215
7440-43-9	Cadmium	0.13	J	11/12/2024	2215
7440-47-3	Chromium	27		11/12/2024	2215
7440-48-4	Cobalt	15	D	11/13/2024	0025
7440-50-8	Copper	33		11/12/2024	2215
7439-92-1	Lead	6.2		11/12/2024	2215
7440-02-0	Nickel	30	D	11/13/2024	0025
7782-49-2	Selenium	2.3	U	11/12/2024	2215
7440-22-4	Silver	0.46	U	11/12/2024	2215
7440-28-0	Thallium	0.082	J	11/12/2024	2215
7440-62-2	Vanadium	44	D	11/13/2024	0025
7440-66-6	Zinc	54	*	11/12/2024	2215

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

Comments: