

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYE4W0

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

Lab Code: ACE Case No.: 51817 MA No. : 3225.1 SDG No.: MYE4W0

Matrix: SOIL Lab Sample ID: P4524-01

% Solids: 98.4 Date Received: 10/23/2024

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	1.2		11/11/2024	0043
7440-38-2	Arsenic	65	*	11/11/2024	0043
7440-39-3	Barium	240	*	11/11/2024	0043
7440-41-7	Beryllium	0.67		11/11/2024	0043
7440-43-9	Cadmium	1.6		11/11/2024	0043
7440-47-3	Chromium	41	D	11/13/2024	1825
7440-48-4	Cobalt	23	D	11/13/2024	1825
7440-50-8	Copper	150	D*	11/13/2024	1825
7439-92-1	Lead	47	*	11/11/2024	0043
7440-02-0	Nickel	49	D	11/13/2024	1825
7782-49-2	Selenium	4.0	UD	11/13/2024	1825
7440-22-4	Silver	0.29	J	11/11/2024	0043
7440-28-0	Thallium	0.25	J	11/11/2024	0043
7440-62-2	Vanadium	88	D	11/13/2024	1825
7440-66-6	Zinc	160	D*	11/13/2024	1825

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

Comments:

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MYE4W1

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

Lab Code: ACE Case No.: 51817 MA No. : 3225.1 SDG No.: MYE4W0

Matrix: SOIL Lab Sample ID: P4524-02

% Solids: 94.9 Date Received: 10/23/2024

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	0.79		11/11/2024	0046
7440-38-2	Arsenic	72	D*	11/13/2024	1828
7440-39-3	Barium	350	*	11/11/2024	0046
7440-41-7	Beryllium	0.96		11/11/2024	0046
7440-43-9	Cadmium	0.82		11/11/2024	0046
7440-47-3	Chromium	48	D	11/13/2024	1828
7440-48-4	Cobalt	26	D	11/13/2024	1828
7440-50-8	Copper	93	D*	11/13/2024	1828
7439-92-1	Lead	23	*	11/11/2024	0046
7440-02-0	Nickel	65	D	11/13/2024	1828
7782-49-2	Selenium	3.8	UD	11/13/2024	1828
7440-22-4	Silver	0.16	J	11/11/2024	0046
7440-28-0	Thallium	0.25	J	11/11/2024	0046
7440-62-2	Vanadium	95	D	11/13/2024	1828
7440-66-6	Zinc	120	D*	11/13/2024	1828

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

Comments:

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MYE4W2

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

Lab Code: ACE Case No.: 51817 MA No. : 3225.1 SDG No.: MYE4W0

Matrix: SOIL Lab Sample ID: P4524-03

% Solids: 95 Date Received: 10/23/2024

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		11/11/2024	0049
7440-38-2	Arsenic	70	*	11/11/2024	0049
7440-39-3	Barium	390	*	11/11/2024	0049
7440-41-7	Beryllium	0.95		11/11/2024	0049
7440-43-9	Cadmium	0.75		11/11/2024	0049
7440-47-3	Chromium	52	D	11/13/2024	1831
7440-48-4	Cobalt	27	D	11/13/2024	1831
7440-50-8	Copper	89	D*	11/13/2024	1831
7439-92-1	Lead	22	*	11/11/2024	0049
7440-02-0	Nickel	62	D	11/13/2024	1831
7782-49-2	Selenium	0.65	JD	11/13/2024	1831
7440-22-4	Silver	0.19	J	11/11/2024	0049
7440-28-0	Thallium	0.30	J	11/11/2024	0049
7440-62-2	Vanadium	110	D	11/13/2024	1831
7440-66-6	Zinc	110	D*	11/13/2024	1831

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

Comments:

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MYE4W3

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

Lab Code: ACE Case No.: 51817 MA No. : 3225.1 SDG No.: MYE4W0

Matrix: SOIL Lab Sample ID: P4524-04

% Solids: 98.2 Date Received: 10/23/2024

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		11/11/2024	0052
7440-38-2	Arsenic	77	*	11/11/2024	0052
7440-39-3	Barium	240	*	11/11/2024	0052
7440-41-7	Beryllium	0.72		11/11/2024	0052
7440-43-9	Cadmium	1.7		11/11/2024	0052
7440-47-3	Chromium	40		11/11/2024	0052
7440-48-4	Cobalt	27		11/11/2024	0052
7440-50-8	Copper	180	*	11/11/2024	0052
7439-92-1	Lead	53	*	11/11/2024	0052
7440-02-0	Nickel	47		11/11/2024	0052
7782-49-2	Selenium	3.8	UD	11/13/2024	1834
7440-22-4	Silver	0.38		11/11/2024	0052
7440-28-0	Thallium	0.28	J	11/11/2024	0052
7440-62-2	Vanadium	88		11/11/2024	0052
7440-66-6	Zinc	150	*	11/11/2024	0052

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

Comments:

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MYE4W4

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

Lab Code: ACE Case No.: 51817 MA No. : 3225.1 SDG No.: MYE4W0

Matrix: SOIL Lab Sample ID: P4524-05

% Solids: 97.8 Date Received: 10/23/2024

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	1.7		11/11/2024	0055
7440-38-2	Arsenic	77	*	11/11/2024	0055
7440-39-3	Barium	260	*	11/11/2024	0055
7440-41-7	Beryllium	0.77		11/11/2024	0055
7440-43-9	Cadmium	1.7		11/11/2024	0055
7440-47-3	Chromium	46		11/11/2024	0055
7440-48-4	Cobalt	29		11/11/2024	0055
7440-50-8	Copper	140	*	11/11/2024	0055
7439-92-1	Lead	52	*	11/11/2024	0055
7440-02-0	Nickel	55		11/11/2024	0055
7782-49-2	Selenium	4.2	UD	11/13/2024	1837
7440-22-4	Silver	0.29	J	11/11/2024	0055
7440-28-0	Thallium	0.28	J	11/11/2024	0055
7440-62-2	Vanadium	100		11/11/2024	0055
7440-66-6	Zinc	160	*	11/11/2024	0055

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

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MYE4W5

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

Lab Code: ACE Case No.: 51817 MA No. : 3225.1 SDG No.: MYE4W0

Matrix: SOIL Lab Sample ID: P4524-06

% Solids: 97.2 Date Received: 10/23/2024

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		11/11/2024	0253
7440-38-2	Arsenic	82	*	11/11/2024	0253
7440-39-3	Barium	280	D*	11/13/2024	1840
7440-41-7	Beryllium	0.70		11/11/2024	0253
7440-43-9	Cadmium	2.0		11/11/2024	0253
7440-47-3	Chromium	45		11/11/2024	0253
7440-48-4	Cobalt	27	D	11/13/2024	1840
7440-50-8	Copper	240	*	11/11/2024	0253
7439-92-1	Lead	73	*	11/11/2024	0253
7440-02-0	Nickel	56	D	11/13/2024	1840
7782-49-2	Selenium	4.4	UD	11/13/2024	1840
7440-22-4	Silver	0.51		11/11/2024	0253
7440-28-0	Thallium	0.24	J	11/11/2024	0253
7440-62-2	Vanadium	95	D	11/13/2024	1840
7440-66-6	Zinc	180	*	11/11/2024	0253

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

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MYE4W6

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

Lab Code: ACE Case No.: 51817 MA No. : 3225.1 SDG No.: MYE4W0

Matrix: SOIL Lab Sample ID: P4524-09

% Solids: 98.2 Date Received: 10/23/2024

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		11/11/2024	0113
7440-38-2	Arsenic	77	*	11/11/2024	0113
7440-39-3	Barium	230	*	11/11/2024	0113
7440-41-7	Beryllium	0.68		11/11/2024	0113
7440-43-9	Cadmium	1.3		11/11/2024	0113
7440-47-3	Chromium	42		11/11/2024	0113
7440-48-4	Cobalt	28		11/11/2024	0113
7440-50-8	Copper	120	*	11/11/2024	0113
7439-92-1	Lead	43	*	11/11/2024	0113
7440-02-0	Nickel	49		11/11/2024	0113
7782-49-2	Selenium	0.29	J	11/11/2024	0113
7440-22-4	Silver	0.30	J	11/11/2024	0113
7440-28-0	Thallium	0.24	J	11/11/2024	0113
7440-62-2	Vanadium	99		11/11/2024	0113
7440-66-6	Zinc	150	*	11/11/2024	0113

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

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MYE4W7

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

Lab Code: ACE Case No.: 51817 MA No. : 3225.1 SDG No.: MYE4W0

Matrix: SOIL Lab Sample ID: P4524-10

% Solids: 98.2 Date Received: 10/23/2024

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	1.6		11/11/2024	0116
7440-38-2	Arsenic	69	*	11/11/2024	0116
7440-39-3	Barium	220	*	11/11/2024	0116
7440-41-7	Beryllium	0.68		11/11/2024	0116
7440-43-9	Cadmium	1.6		11/11/2024	0116
7440-47-3	Chromium	48		11/11/2024	0116
7440-48-4	Cobalt	27		11/11/2024	0116
7440-50-8	Copper	160	*	11/11/2024	0116
7439-92-1	Lead	54	*	11/11/2024	0116
7440-02-0	Nickel	50		11/11/2024	0116
7782-49-2	Selenium	0.32	J	11/11/2024	0116
7440-22-4	Silver	0.32	J	11/11/2024	0116
7440-28-0	Thallium	0.23	J	11/11/2024	0116
7440-62-2	Vanadium	100		11/11/2024	0116
7440-66-6	Zinc	170	*	11/11/2024	0116

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

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MYE4Y0

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

Lab Code: ACE Case No.: 51817 MA No. : 3225.1 SDG No.: MYE4W0

Matrix: SOIL Lab Sample ID: P4524-11

% Solids: 97.8 Date Received: 10/24/2024

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	1.7		11/11/2024	0119
7440-38-2	Arsenic	84	*	11/11/2024	0119
7440-39-3	Barium	320	*	11/11/2024	0119
7440-41-7	Beryllium	0.71		11/11/2024	0119
7440-43-9	Cadmium	1.5		11/11/2024	0119
7440-47-3	Chromium	47		11/11/2024	0119
7440-48-4	Cobalt	30		11/11/2024	0119
7440-50-8	Copper	160	*	11/11/2024	0119
7439-92-1	Lead	46	*	11/11/2024	0119
7440-02-0	Nickel	50		11/11/2024	0119
7782-49-2	Selenium	0.34	J	11/11/2024	0119
7440-22-4	Silver	0.33	J	11/11/2024	0119
7440-28-0	Thallium	0.27	J	11/11/2024	0119
7440-62-2	Vanadium	120		11/11/2024	0119
7440-66-6	Zinc	150	*	11/11/2024	0119

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

Comments:

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MYE4Y1

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

Lab Code: ACE Case No.: 51817 MA No. : 3225.1 SDG No.: MYE4W0

Matrix: SOIL Lab Sample ID: P4524-12

% Solids: 95.2 Date Received: 10/24/2024

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	1.2		11/11/2024	0122
7440-38-2	Arsenic	75	*	11/11/2024	0122
7440-39-3	Barium	190	*	11/11/2024	0122
7440-41-7	Beryllium	0.71		11/11/2024	0122
7440-43-9	Cadmium	1.7		11/11/2024	0122
7440-47-3	Chromium	42		11/11/2024	0122
7440-48-4	Cobalt	26		11/11/2024	0122
7440-50-8	Copper	190	*	11/11/2024	0122
7439-92-1	Lead	56	*	11/11/2024	0122
7440-02-0	Nickel	43		11/11/2024	0122
7782-49-2	Selenium	3.6	UD	11/13/2024	1855
7440-22-4	Silver	0.41		11/11/2024	0122
7440-28-0	Thallium	0.26	J	11/11/2024	0122
7440-62-2	Vanadium	110		11/11/2024	0122
7440-66-6	Zinc	160	*	11/11/2024	0122

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

Comments:

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MYE4Y2

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

Lab Code: ACE Case No.: 51817 MA No. : 3225.1 SDG No.: MYE4W0

Matrix: SOIL Lab Sample ID: P4524-13

% Solids: 98.2 Date Received: 10/24/2024

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	0.89		11/11/2024	0131
7440-38-2	Arsenic	59	*	11/11/2024	0131
7440-39-3	Barium	200	*	11/11/2024	0131
7440-41-7	Beryllium	0.73		11/11/2024	0131
7440-43-9	Cadmium	1.2		11/11/2024	0131
7440-47-3	Chromium	41		11/11/2024	0131
7440-48-4	Cobalt	27		11/11/2024	0131
7440-50-8	Copper	130	*	11/11/2024	0131
7439-92-1	Lead	38	*	11/11/2024	0131
7440-02-0	Nickel	43		11/11/2024	0131
7782-49-2	Selenium	0.28	J	11/11/2024	0131
7440-22-4	Silver	0.24	J	11/11/2024	0131
7440-28-0	Thallium	0.40		11/11/2024	0131
7440-62-2	Vanadium	89		11/11/2024	0131
7440-66-6	Zinc	120	*	11/11/2024	0131

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

Comments:

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MYE4Y3

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

Lab Code: ACE Case No.: 51817 MA No. : 3225.1 SDG No.: MYE4W0

Matrix: SOIL Lab Sample ID: P4524-14

% Solids: 96.6 Date Received: 10/24/2024

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	0.90		11/11/2024	0134
7440-38-2	Arsenic	67	*	11/11/2024	0134
7440-39-3	Barium	210	*	11/11/2024	0134
7440-41-7	Beryllium	0.79		11/11/2024	0134
7440-43-9	Cadmium	1.0		11/11/2024	0134
7440-47-3	Chromium	44		11/11/2024	0134
7440-48-4	Cobalt	28		11/11/2024	0134
7440-50-8	Copper	120	*	11/11/2024	0134
7439-92-1	Lead	39	*	11/11/2024	0134
7440-02-0	Nickel	47		11/11/2024	0134
7782-49-2	Selenium	0.30	J	11/11/2024	0134
7440-22-4	Silver	0.24	J	11/11/2024	0134
7440-28-0	Thallium	0.27	J	11/11/2024	0134
7440-62-2	Vanadium	100		11/11/2024	0134
7440-66-6	Zinc	190	*	11/11/2024	0134

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

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MYE4Y4

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

Lab Code: ACE Case No.: 51817 MA No. : 3225.1 SDG No.: MYE4W0

Matrix: SOIL Lab Sample ID: P4524-15

% Solids: 94.9 Date Received: 10/24/2024

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	0.95		11/11/2024	0137
7440-38-2	Arsenic	160	*	11/11/2024	0137
7440-39-3	Barium	130	*	11/11/2024	0137
7440-41-7	Beryllium	0.48		11/11/2024	0137
7440-43-9	Cadmium	1.3		11/11/2024	0137
7440-47-3	Chromium	41		11/11/2024	0137
7440-48-4	Cobalt	39		11/11/2024	0137
7440-50-8	Copper	96	*	11/11/2024	0137
7439-92-1	Lead	83	*	11/11/2024	0137
7440-02-0	Nickel	36		11/11/2024	0137
7782-49-2	Selenium	0.78	J	11/11/2024	0137
7440-22-4	Silver	0.46		11/11/2024	0137
7440-28-0	Thallium	0.14	J	11/11/2024	0137
7440-62-2	Vanadium	98		11/11/2024	0137
7440-66-6	Zinc	370	*	11/11/2024	0137

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

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MYE4Y5

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

Lab Code: ACE Case No.: 51817 MA No. : 3225.1 SDG No.: MYE4W0

Matrix: SOIL Lab Sample ID: P4524-16

% Solids: 94.6 Date Received: 10/24/2024

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	11/11/2024	0140
7440-38-2	Arsenic	53	*	11/11/2024	0140
7440-39-3	Barium	220	*	11/11/2024	0140
7440-41-7	Beryllium	0.72		11/11/2024	0140
7440-43-9	Cadmium	0.78		11/11/2024	0140
7440-47-3	Chromium	64		11/11/2024	0140
7440-48-4	Cobalt	31		11/11/2024	0140
7440-50-8	Copper	110	*	11/11/2024	0140
7439-92-1	Lead	26	*	11/11/2024	0140
7440-02-0	Nickel	55		11/11/2024	0140
7782-49-2	Selenium	2.2	U	11/11/2024	0140
7440-22-4	Silver	0.21	J	11/11/2024	0140
7440-28-0	Thallium	0.22	J	11/11/2024	0140
7440-62-2	Vanadium	110		11/11/2024	0140
7440-66-6	Zinc	120	*	11/11/2024	0140

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

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MYE4Y6

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

Lab Code: ACE Case No.: 51817 MA No. : 3225.1 SDG No.: MYE4W0

Matrix: SOIL Lab Sample ID: P4524-17

% Solids: 98.6 Date Received: 10/24/2024

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	1.4		11/11/2024	0143
7440-38-2	Arsenic	86	*	11/11/2024	0143
7440-39-3	Barium	190	*	11/11/2024	0143
7440-41-7	Beryllium	0.73		11/11/2024	0143
7440-43-9	Cadmium	1.4		11/11/2024	0143
7440-47-3	Chromium	46		11/11/2024	0143
7440-48-4	Cobalt	31		11/11/2024	0143
7440-50-8	Copper	160	*	11/11/2024	0143
7439-92-1	Lead	52	*	11/11/2024	0143
7440-02-0	Nickel	47		11/11/2024	0143
7782-49-2	Selenium	0.36	J	11/11/2024	0143
7440-22-4	Silver	0.34	J	11/11/2024	0143
7440-28-0	Thallium	0.23	J	11/11/2024	0143
7440-62-2	Vanadium	110		11/11/2024	0143
7440-66-6	Zinc	150	*	11/11/2024	0143

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

Comments: