

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

YE8C3

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51955 MA No. : 3152.0 SDG No.: YE8F8
 Matrix: SOIL Lab Sample ID: Q1135-19
 % Solids: 92.9 Date Received: 01/22/2025
 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		01/24/2025	1826
7440-38-2	Arsenic	30	*	01/24/2025	1826
7440-39-3	Barium	48		01/24/2025	1826
7440-41-7	Beryllium	0.20	J	01/24/2025	1826
7440-43-9	Cadmium	0.30	J	01/24/2025	1826
7440-47-3	Chromium	26		01/24/2025	1826
7440-48-4	Cobalt	21		01/24/2025	1826
7440-50-8	Copper	66		01/24/2025	1826
7439-92-1	Lead	12		01/24/2025	1826
7439-96-5	Manganese	480		01/24/2025	1826
7440-02-0	Nickel	72		01/24/2025	1826
7782-49-2	Selenium	0.95	J	01/24/2025	1826
7439-98-7	Molybdenum	2.0	*	01/24/2025	1826
7440-22-4	Silver	0.22	J	01/24/2025	1826
7440-28-0	Thallium	0.11	J	01/24/2025	1826
7440-62-2	Vanadium	27		01/24/2025	1826
7440-66-6	Zinc	110		01/24/2025	1826
7440-24-6	Strontium	23	J	01/24/2025	1826

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

Comments:

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YE8D0

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

Lab Code: ACE Case No.: 51955 MA No. : 3152.0 SDG No.: YE8F8

Matrix: SOIL Lab Sample ID: Q1135-21

% Solids: 88.8 Date Received: 01/22/2025

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	0.59	J	01/24/2025	1829
7440-38-2	Arsenic	6.5	*	01/24/2025	1829
7440-39-3	Barium	67		01/24/2025	1829
7440-41-7	Beryllium	0.23	J	01/24/2025	1829
7440-43-9	Cadmium	0.093	J	01/24/2025	1829
7440-47-3	Chromium	27		01/24/2025	1829
7440-48-4	Cobalt	15		01/24/2025	1829
7440-50-8	Copper	30		01/24/2025	1829
7439-92-1	Lead	10		01/24/2025	1829
7439-96-5	Manganese	260		01/24/2025	1829
7440-02-0	Nickel	44		01/24/2025	1829
7782-49-2	Selenium	2.0	U	01/24/2025	1829
7439-98-7	Molybdenum	0.50	J*	01/24/2025	1829
7440-22-4	Silver	0.13	J	01/24/2025	1829
7440-28-0	Thallium	0.056	J	01/24/2025	1829
7440-62-2	Vanadium	26		01/24/2025	1829
7440-66-6	Zinc	63		01/24/2025	1829
7440-24-6	Strontium	47	J	01/24/2025	1829

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

Comments:

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YE8D2

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

Lab Code: ACE Case No.: 51955 MA No. : 3152.0 SDG No.: YE8F8

Matrix: SOIL Lab Sample ID: Q1135-17

% Solids: 93.5 Date Received: 01/22/2025

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	0.73	J	01/24/2025	1819
7440-38-2	Arsenic	5.3	*	01/24/2025	1819
7440-39-3	Barium	21		01/24/2025	1819
7440-41-7	Beryllium	0.12	J	01/24/2025	1819
7440-43-9	Cadmium	0.47	U	01/24/2025	1819
7440-47-3	Chromium	2.8		01/24/2025	1819
7440-48-4	Cobalt	5.4		01/24/2025	1819
7440-50-8	Copper	36		01/24/2025	1819
7439-92-1	Lead	9.4		01/24/2025	1819
7439-96-5	Manganese	40		01/24/2025	1819
7440-02-0	Nickel	13		01/24/2025	1819
7782-49-2	Selenium	0.54	J	01/24/2025	1819
7439-98-7	Molybdenum	1.9	*	01/24/2025	1819
7440-22-4	Silver	0.074	J	01/24/2025	1819
7440-28-0	Thallium	0.47	U	01/24/2025	1819
7440-62-2	Vanadium	1.9	J	01/24/2025	1819
7440-66-6	Zinc	61		01/24/2025	1819
7440-24-6	Strontium	6.8	J	01/24/2025	1819

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

Comments:

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YE8D4

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

Lab Code: ACE Case No.: 51955 MA No. : 3152.0 SDG No.: YE8F8

Matrix: SOIL Lab Sample ID: Q1135-18

% Solids: 84.7 Date Received: 01/22/2025

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	0.85	J	01/24/2025	1823
7440-38-2	Arsenic	25	*	01/24/2025	1823
7440-39-3	Barium	100		01/24/2025	1823
7440-41-7	Beryllium	0.37	J	01/24/2025	1823
7440-43-9	Cadmium	0.44	U	01/24/2025	1823
7440-47-3	Chromium	19		01/24/2025	1823
7440-48-4	Cobalt	11		01/24/2025	1823
7440-50-8	Copper	42		01/24/2025	1823
7439-92-1	Lead	11		01/24/2025	1823
7439-96-5	Manganese	210		01/24/2025	1823
7440-02-0	Nickel	33		01/24/2025	1823
7782-49-2	Selenium	0.41	J	01/24/2025	1823
7439-98-7	Molybdenum	0.78	J*	01/24/2025	1823
7440-22-4	Silver	0.12	J	01/24/2025	1823
7440-28-0	Thallium	0.44	U	01/24/2025	1823
7440-62-2	Vanadium	24		01/24/2025	1823
7440-66-6	Zinc	61		01/24/2025	1823
7440-24-6	Strontium	21	J	01/24/2025	1823

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

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YE8D5

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

Lab Code: ACE Case No.: 51955 MA No. : 3152.0 SDG No.: YE8F8

Matrix: SOIL Lab Sample ID: Q1135-22

% Solids: 95.8 Date Received: 01/22/2025

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	0.29	J	01/24/2025	1833
7440-38-2	Arsenic	9.3	*	01/24/2025	1833
7440-39-3	Barium	5.0		01/24/2025	1833
7440-41-7	Beryllium	0.40	U	01/24/2025	1833
7440-43-9	Cadmium	0.40	U	01/24/2025	1833
7440-47-3	Chromium	1.6		01/24/2025	1833
7440-48-4	Cobalt	1.3		01/24/2025	1833
7440-50-8	Copper	5.4		01/24/2025	1833
7439-92-1	Lead	1.6		01/24/2025	1833
7439-96-5	Manganese	180		01/24/2025	1833
7440-02-0	Nickel	3.0		01/24/2025	1833
7782-49-2	Selenium	2.0	U	01/24/2025	1833
7439-98-7	Molybdenum	0.26	J*	01/24/2025	1833
7440-22-4	Silver	0.032	J	01/24/2025	1833
7440-28-0	Thallium	0.40	U	01/24/2025	1833
7440-62-2	Vanadium	0.70	J	01/24/2025	1833
7440-66-6	Zinc	7.9		01/24/2025	1833
7440-24-6	Strontium	85		01/24/2025	1833

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

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YE8E3

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

Lab Code: ACE Case No.: 51955 MA No. : 3152.0 SDG No.: YE8F8

Matrix: SOIL Lab Sample ID: Q1135-11

% Solids: 74.3 Date Received: 01/22/2025

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	1.6		01/24/2025	1747
7440-38-2	Arsenic	190	*	01/24/2025	1747
7440-39-3	Barium	180		01/24/2025	1747
7440-41-7	Beryllium	0.54		01/24/2025	1747
7440-43-9	Cadmium	0.58		01/24/2025	1747
7440-47-3	Chromium	33		01/24/2025	1747
7440-48-4	Cobalt	20		01/24/2025	1747
7440-50-8	Copper	120		01/24/2025	1747
7439-92-1	Lead	140		01/24/2025	1747
7439-96-5	Manganese	1200		01/24/2025	1747
7440-02-0	Nickel	42		01/24/2025	1747
7782-49-2	Selenium	0.56	J	01/24/2025	1747
7439-98-7	Molybdenum	1.9	J*	01/24/2025	1747
7440-22-4	Silver	0.46	J	01/24/2025	1747
7440-28-0	Thallium	0.074	J	01/24/2025	1747
7440-62-2	Vanadium	54		01/24/2025	1747
7440-66-6	Zinc	180		01/24/2025	1747
7440-24-6	Strontium	38	J	01/24/2025	1747

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

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YE8E4

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

Lab Code: ACE Case No.: 51955 MA No. : 3152.0 SDG No.: YE8F8

Matrix: SOIL Lab Sample ID: Q1135-12

% Solids: 83.3 Date Received: 01/22/2025

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	1.1		01/24/2025	1750
7440-38-2	Arsenic	60	*	01/24/2025	1750
7440-39-3	Barium	210		01/24/2025	1750
7440-41-7	Beryllium	0.66		01/24/2025	1750
7440-43-9	Cadmium	0.13	J	01/24/2025	1750
7440-47-3	Chromium	33		01/24/2025	1750
7440-48-4	Cobalt	28		01/24/2025	1750
7440-50-8	Copper	57		01/24/2025	1750
7439-92-1	Lead	11		01/24/2025	1750
7439-96-5	Manganese	1600		01/24/2025	1750
7440-02-0	Nickel	48		01/24/2025	1750
7782-49-2	Selenium	0.47	J	01/24/2025	1750
7439-98-7	Molybdenum	2.8	*	01/24/2025	1750
7440-22-4	Silver	0.12	J	01/24/2025	1750
7440-28-0	Thallium	0.067	J	01/24/2025	1750
7440-62-2	Vanadium	57		01/24/2025	1750
7440-66-6	Zinc	68		01/24/2025	1750
7440-24-6	Strontium	32	J	01/24/2025	1750

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

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EPA SAMPLE NO.

YE8E5

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51955 MA No. : 3152.0 SDG No.: YE8F8
 Matrix: SOIL Lab Sample ID: Q1135-13
 % Solids: 78.9 Date Received: 01/22/2025
 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	0.80	J	01/24/2025	1804
7440-38-2	Arsenic	37	*	01/24/2025	1804
7440-39-3	Barium	35		01/24/2025	1804
7440-41-7	Beryllium	0.27	J	01/24/2025	1804
7440-43-9	Cadmium	0.56	U	01/24/2025	1804
7440-47-3	Chromium	16		01/24/2025	1804
7440-48-4	Cobalt	0.91		01/24/2025	1804
7440-50-8	Copper	30		01/24/2025	1804
7439-92-1	Lead	5.4		01/24/2025	1804
7439-96-5	Manganese	110		01/24/2025	1804
7440-02-0	Nickel	11		01/24/2025	1804
7782-49-2	Selenium	2.8	U	01/24/2025	1804
7439-98-7	Molybdenum	1.8	J*	01/24/2025	1804
7440-22-4	Silver	0.25	J	01/24/2025	1804
7440-28-0	Thallium	0.13	J	01/24/2025	1804
7440-62-2	Vanadium	22		01/24/2025	1804
7440-66-6	Zinc	31		01/24/2025	1804
7440-24-6	Strontium	31	J	01/24/2025	1804

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

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EPA SAMPLE NO.

YE8E6

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51955 MA No. : 3152.0 SDG No.: YE8F8
 Matrix: SOIL Lab Sample ID: Q1135-14
 % Solids: 90.1 Date Received: 01/22/2025
 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	2.8		01/24/2025	1808
7440-38-2	Arsenic	130	*	01/24/2025	1808
7440-39-3	Barium	17		01/24/2025	1808
7440-41-7	Beryllium	0.11	J	01/24/2025	1808
7440-43-9	Cadmium	1.0		01/24/2025	1808
7440-47-3	Chromium	8.7		01/24/2025	1808
7440-48-4	Cobalt	17		01/24/2025	1808
7440-50-8	Copper	110		01/24/2025	1808
7439-92-1	Lead	10		01/24/2025	1808
7439-96-5	Manganese	44		01/24/2025	1808
7440-02-0	Nickel	100		01/24/2025	1808
7782-49-2	Selenium	3.8		01/24/2025	1808
7439-98-7	Molybdenum	4.0	*	01/24/2025	1808
7440-22-4	Silver	0.30	J	01/24/2025	1808
7440-28-0	Thallium	0.065	J	01/24/2025	1808
7440-62-2	Vanadium	8.8		01/24/2025	1808
7440-66-6	Zinc	42		01/24/2025	1808
7440-24-6	Strontium	35	J	01/24/2025	1808

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

Comments:

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YE8E7

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

Lab Code: ACE Case No.: 51955 MA No. : 3152.0 SDG No.: YE8F8

Matrix: SOIL Lab Sample ID: Q1135-15

% Solids: 93.7 Date Received: 01/22/2025

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	2.7		01/24/2025	1812
7440-38-2	Arsenic	160	*	01/24/2025	1812
7440-39-3	Barium	21		01/24/2025	1812
7440-41-7	Beryllium	0.30	J	01/24/2025	1812
7440-43-9	Cadmium	1.6		01/24/2025	1812
7440-47-3	Chromium	18		01/24/2025	1812
7440-48-4	Cobalt	17		01/24/2025	1812
7440-50-8	Copper	92		01/24/2025	1812
7439-92-1	Lead	15		01/24/2025	1812
7439-96-5	Manganese	86		01/24/2025	1812
7440-02-0	Nickel	80		01/24/2025	1812
7782-49-2	Selenium	3.4		01/24/2025	1812
7439-98-7	Molybdenum	2.5	*	01/24/2025	1812
7440-22-4	Silver	0.23	J	01/24/2025	1812
7440-28-0	Thallium	0.066	J	01/24/2025	1812
7440-62-2	Vanadium	13		01/24/2025	1812
7440-66-6	Zinc	140		01/24/2025	1812
7440-24-6	Strontium	19	J	01/24/2025	1812

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

Comments:

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EPA SAMPLE NO.

YE8E8

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51955 MA No. : 3152.0 SDG No.: YE8F8
 Matrix: SOIL Lab Sample ID: Q1135-16
 % Solids: 85.4 Date Received: 01/22/2025
 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		01/24/2025	1816
7440-38-2	Arsenic	32	*	01/24/2025	1816
7440-39-3	Barium	34		01/24/2025	1816
7440-41-7	Beryllium	0.30	J	01/24/2025	1816
7440-43-9	Cadmium	1.3		01/24/2025	1816
7440-47-3	Chromium	22		01/24/2025	1816
7440-48-4	Cobalt	17		01/24/2025	1816
7440-50-8	Copper	70		01/24/2025	1816
7439-92-1	Lead	11		01/24/2025	1816
7439-96-5	Manganese	150		01/24/2025	1816
7440-02-0	Nickel	81		01/24/2025	1816
7782-49-2	Selenium	3.1		01/24/2025	1816
7439-98-7	Molybdenum	3.9	*	01/24/2025	1816
7440-22-4	Silver	0.25	J	01/24/2025	1816
7440-28-0	Thallium	0.40	U	01/24/2025	1816
7440-62-2	Vanadium	18		01/24/2025	1816
7440-66-6	Zinc	140		01/24/2025	1816
7440-24-6	Strontium	11	J	01/24/2025	1816

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

Comments:

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EPA SAMPLE NO.

YE8F5

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51955 MA No. : 3152.0 SDG No.: YE8F8
 Matrix: SOIL Lab Sample ID: Q1135-01
 % Solids: 95.9 Date Received: 01/18/2025
 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	01/24/2025	1714
7440-38-2	Arsenic	13	*	01/24/2025	1714
7440-39-3	Barium	59		01/24/2025	1714
7440-41-7	Beryllium	0.23	J	01/24/2025	1714
7440-43-9	Cadmium	0.43		01/24/2025	1714
7440-47-3	Chromium	18		01/24/2025	1714
7440-48-4	Cobalt	22		01/24/2025	1714
7440-50-8	Copper	73		01/24/2025	1714
7439-92-1	Lead	6.2		01/24/2025	1714
7439-96-5	Manganese	430		01/24/2025	1714
7440-02-0	Nickel	37		01/24/2025	1714
7782-49-2	Selenium	0.76	J	01/24/2025	1714
7439-98-7	Molybdenum	1.4	J*	01/24/2025	1714
7440-22-4	Silver	0.16	J	01/24/2025	1714
7440-28-0	Thallium	0.054	J	01/24/2025	1714
7440-62-2	Vanadium	30		01/24/2025	1714
7440-66-6	Zinc	67		01/24/2025	1714
7440-24-6	Strontium	9.8	J	01/24/2025	1714

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

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YE8F7

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

Lab Code: ACE Case No.: 51955 MA No. : 3152.0 SDG No.: YE8F8

Matrix: SOIL Lab Sample ID: Q1135-02

% Solids: 91.2 Date Received: 01/18/2025

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	0.37	J	01/24/2025	1717
7440-38-2	Arsenic	15	*	01/24/2025	1717
7440-39-3	Barium	170		01/24/2025	1717
7440-41-7	Beryllium	0.60		01/24/2025	1717
7440-43-9	Cadmium	0.18	J	01/24/2025	1717
7440-47-3	Chromium	28		01/24/2025	1717
7440-48-4	Cobalt	23		01/24/2025	1717
7440-50-8	Copper	51		01/24/2025	1717
7439-92-1	Lead	11		01/24/2025	1717
7439-96-5	Manganese	1900		01/24/2025	1717
7440-02-0	Nickel	53		01/24/2025	1717
7782-49-2	Selenium	0.46	J	01/24/2025	1717
7439-98-7	Molybdenum	2.0	*	01/24/2025	1717
7440-22-4	Silver	0.032	J	01/24/2025	1717
7440-28-0	Thallium	0.12	J	01/24/2025	1717
7440-62-2	Vanadium	62		01/24/2025	1717
7440-66-6	Zinc	91		01/24/2025	1717
7440-24-6	Strontium	16	JD	01/24/2025	1853

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

YE8F8

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51955 MA No. : 3152.0 SDG No.: YE8F8
 Matrix: SOIL Lab Sample ID: Q1135-05
 % Solids: 92.9 Date Received: 01/18/2025
 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	0.35	J	01/24/2025	1730
7440-38-2	Arsenic	9.9	*	01/24/2025	1730
7440-39-3	Barium	83		01/24/2025	1730
7440-41-7	Beryllium	0.48		01/24/2025	1730
7440-43-9	Cadmium	0.22	J	01/24/2025	1730
7440-47-3	Chromium	19		01/24/2025	1730
7440-48-4	Cobalt	20		01/24/2025	1730
7440-50-8	Copper	57		01/24/2025	1730
7439-92-1	Lead	11		01/24/2025	1730
7439-96-5	Manganese	650		01/24/2025	1730
7440-02-0	Nickel	33		01/24/2025	1730
7782-49-2	Selenium	0.48	J	01/24/2025	1730
7439-98-7	Molybdenum	2.1	*	01/24/2025	1730
7440-22-4	Silver	0.072	J	01/24/2025	1730
7440-28-0	Thallium	0.45	U	01/24/2025	1730
7440-62-2	Vanadium	41		01/24/2025	1730
7440-66-6	Zinc	87		01/24/2025	1730
7440-24-6	Strontium	19	J	01/24/2025	1730

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

YE8F9

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

Lab Code: ACE Case No.: 51955 MA No. : 3152.0 SDG No.: YE8F8

Matrix: SOIL Lab Sample ID: Q1135-06

% Solids: 93.7 Date Received: 01/18/2025

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	0.29	J	01/24/2025	1734
7440-38-2	Arsenic	7.6	*	01/24/2025	1734
7440-39-3	Barium	78		01/24/2025	1734
7440-41-7	Beryllium	0.42		01/24/2025	1734
7440-43-9	Cadmium	0.23	J	01/24/2025	1734
7440-47-3	Chromium	17		01/24/2025	1734
7440-48-4	Cobalt	14		01/24/2025	1734
7440-50-8	Copper	51		01/24/2025	1734
7439-92-1	Lead	10		01/24/2025	1734
7439-96-5	Manganese	510		01/24/2025	1734
7440-02-0	Nickel	29		01/24/2025	1734
7782-49-2	Selenium	0.49	J	01/24/2025	1734
7439-98-7	Molybdenum	2.0	*	01/24/2025	1734
7440-22-4	Silver	0.036	J	01/24/2025	1734
7440-28-0	Thallium	0.40	U	01/24/2025	1734
7440-62-2	Vanadium	34		01/24/2025	1734
7440-66-6	Zinc	78		01/24/2025	1734
7440-24-6	Strontium	18	J	01/24/2025	1734

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

YE8H7

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51955 MA No. : 3152.0 SDG No.: YE8F8
 Matrix: Water Lab Sample ID: Q1135-09
 % Solids: _____ Date Received: 01/18/2025
 Analytical Method: ICP_MS
 Concentration Units (µg/L, mg/L, mg/kg dry weight, µg, or µg/cm²): ug/L

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	20	U	02/11/2025	1422
7440-36-0	Antimony	2.0	U	02/11/2025	1422
7440-38-2	Arsenic	1.0	U	02/11/2025	1422
7440-39-3	Barium	10	U	02/11/2025	1422
7440-41-7	Beryllium	1.0	U	02/11/2025	1422
7440-43-9	Cadmium	1.0	U	02/11/2025	1422
7440-70-2	Calcium	500	U	02/11/2025	1422
7440-47-3	Chromium	0.20	J	02/11/2025	1422
7440-48-4	Cobalt	1.0	U	02/11/2025	1422
7440-50-8	Copper	2.0	U	02/11/2025	1422
7439-89-6	Iron	200	U	02/11/2025	1422
7439-92-1	Lead	1.0	U	02/11/2025	1422
7439-95-4	Magnesium	500	U	02/11/2025	1422
7439-96-5	Manganese	0.37	J	02/11/2025	1422
7440-02-0	Nickel	1.0	U	02/11/2025	1422
7440-09-7	Potassium	500	U	02/11/2025	1422
7782-49-2	Selenium	5.0	U	02/11/2025	1422
7439-98-7	Molybdenum	10	U	02/11/2025	1422
7440-22-4	Silver	1.0	U	02/11/2025	1422
7440-23-5	Sodium	500	U	02/11/2025	1422
7440-28-0	Thallium	1.0	U	02/11/2025	1422
7440-62-2	Vanadium	5.0	U	02/11/2025	1422
7440-66-6	Zinc	5.0	U	02/11/2025	1422
7440-24-6	Strontium	2.0	U	02/11/2025	1422

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

YE8H9

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

Lab Code: ACE Case No.: 51955 MA No. : 3152.0 SDG No.: YE8F8

Matrix: SOIL Lab Sample ID: Q1135-07

% Solids: 84.1 Date Received: 01/18/2025

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	01/24/2025	1737
7440-38-2	Arsenic	12	*	01/24/2025	1737
7440-39-3	Barium	81		01/24/2025	1737
7440-41-7	Beryllium	0.44	J	01/24/2025	1737
7440-43-9	Cadmium	0.65		01/24/2025	1737
7440-47-3	Chromium	48		01/24/2025	1737
7440-48-4	Cobalt	19		01/24/2025	1737
7440-50-8	Copper	60		01/24/2025	1737
7439-92-1	Lead	12		01/24/2025	1737
7439-96-5	Manganese	790		01/24/2025	1737
7440-02-0	Nickel	88		01/24/2025	1737
7782-49-2	Selenium	0.67	J	01/24/2025	1737
7439-98-7	Molybdenum	1.1	J*	01/24/2025	1737
7440-22-4	Silver	0.36	J	01/24/2025	1737
7440-28-0	Thallium	0.51	U	01/24/2025	1737
7440-62-2	Vanadium	43		01/24/2025	1737
7440-66-6	Zinc	96		01/24/2025	1737
7440-24-6	Strontium	29	J	01/24/2025	1737

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

YE8J0

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51955 MA No. : 3152.0 SDG No.: YE8F8
Matrix: SOIL Lab Sample ID: Q1135-08
% Solids: 79.3 Date Received: 01/18/2025
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	0.59	J	01/24/2025	1740
7440-38-2	Arsenic	13	*	01/24/2025	1740
7440-39-3	Barium	200		01/24/2025	1740
7440-41-7	Beryllium	0.55		01/24/2025	1740
7440-43-9	Cadmium	0.12	J	01/24/2025	1740
7440-47-3	Chromium	30		01/24/2025	1740
7440-48-4	Cobalt	20		01/24/2025	1740
7440-50-8	Copper	53		01/24/2025	1740
7439-92-1	Lead	11		01/24/2025	1740
7439-96-5	Manganese	1100		01/24/2025	1740
7440-02-0	Nickel	29		01/24/2025	1740
7782-49-2	Selenium	0.57	J	01/24/2025	1740
7439-98-7	Molybdenum	1.3	J*	01/24/2025	1740
7440-22-4	Silver	0.083	J	01/24/2025	1740
7440-28-0	Thallium	0.083	J	01/24/2025	1740
7440-62-2	Vanadium	71		01/24/2025	1740
7440-66-6	Zinc	72		01/24/2025	1740
7440-24-6	Strontium	32	J	01/24/2025	1740

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

YE8J1

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51955 MA No. : 3152.0 SDG No.: YE8F8
Matrix: SOIL Lab Sample ID: Q1135-10
% Solids: 80.6 Date Received: 01/18/2025
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	0.37	J	01/24/2025	1743
7440-38-2	Arsenic	13	*	01/24/2025	1743
7440-39-3	Barium	72		01/24/2025	1743
7440-41-7	Beryllium	0.35	J	01/24/2025	1743
7440-43-9	Cadmium	0.31	J	01/24/2025	1743
7440-47-3	Chromium	26		01/24/2025	1743
7440-48-4	Cobalt	28		01/24/2025	1743
7440-50-8	Copper	58		01/24/2025	1743
7439-92-1	Lead	8.2		01/24/2025	1743
7439-96-5	Manganese	520		01/24/2025	1743
7440-02-0	Nickel	56		01/24/2025	1743
7782-49-2	Selenium	0.60	J	01/24/2025	1743
7439-98-7	Molybdenum	1.2	J*	01/24/2025	1743
7440-22-4	Silver	0.13	J	01/24/2025	1743
7440-28-0	Thallium	0.49	U	01/24/2025	1743
7440-62-2	Vanadium	34		01/24/2025	1743
7440-66-6	Zinc	87		01/24/2025	1743
7440-24-6	Strontium	12	J	01/24/2025	1743

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

Comments: