

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

YE8E9

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

Lab Code: ACE Case No.: 51955 MA No. : 3152.0 SDG No.: YE8G3

Matrix: SOIL Lab Sample ID: Q1105-13

% Solids: 92.2 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	1.1		01/24/2025	1628
7440-38-2	Arsenic	53		01/24/2025	1628
7440-39-3	Barium	23		01/24/2025	1628
7440-41-7	Beryllium	0.079	J	01/24/2025	1628
7440-43-9	Cadmium	0.20	J	01/24/2025	1628
7440-47-3	Chromium	1.5		01/24/2025	1628
7440-48-4	Cobalt	4.7		01/24/2025	1628
7440-50-8	Copper	32		01/24/2025	1628
7439-92-1	Lead	17		01/24/2025	1628
7439-96-5	Manganese	230	*	01/24/2025	1628
7440-02-0	Nickel	17		01/24/2025	1628
7782-49-2	Selenium	0.61	J	01/24/2025	1628
7439-98-7	Molybdenum	1.1	J	01/24/2025	1628
7440-22-4	Silver	0.53		01/24/2025	1628
7440-28-0	Thallium	0.42	U	01/24/2025	1628
7440-62-2	Vanadium	2.0	J	01/24/2025	1628
7440-66-6	Zinc	42		01/24/2025	1628
7440-24-6	Strontium	81		01/24/2025	1628

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

YE8F0

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51955 MA No. : 3152.0 SDG No.: YE8G3
Matrix: SOIL Lab Sample ID: Q1105-14
% Solids: 97.3 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	1.2		01/24/2025	1631
7440-38-2	Arsenic	73		01/24/2025	1631
7440-39-3	Barium	33		01/24/2025	1631
7440-41-7	Beryllium	0.091	J	01/24/2025	1631
7440-43-9	Cadmium	0.22	J	01/24/2025	1631
7440-47-3	Chromium	1.6		01/24/2025	1631
7440-48-4	Cobalt	5.6		01/24/2025	1631
7440-50-8	Copper	37		01/24/2025	1631
7439-92-1	Lead	33		01/24/2025	1631
7439-96-5	Manganese	240	*	01/24/2025	1631
7440-02-0	Nickel	17		01/24/2025	1631
7782-49-2	Selenium	1.1	J	01/24/2025	1631
7439-98-7	Molybdenum	1.4	J	01/24/2025	1631
7440-22-4	Silver	0.64		01/24/2025	1631
7440-28-0	Thallium	0.41	U	01/24/2025	1631
7440-62-2	Vanadium	2.5		01/24/2025	1631
7440-66-6	Zinc	50		01/24/2025	1631
7440-24-6	Strontium	92		01/24/2025	1631

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

YE8F1

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

Lab Code: ACE Case No.: 51955 MA No. : 3152.0 SDG No.: YE8G3

Matrix: SOIL Lab Sample ID: Q1105-15

% Solids: 92 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	0.67	J	01/24/2025	1635
7440-38-2	Arsenic	44		01/24/2025	1635
7440-39-3	Barium	21		01/24/2025	1635
7440-41-7	Beryllium	0.41	U	01/24/2025	1635
7440-43-9	Cadmium	0.13	J	01/24/2025	1635
7440-47-3	Chromium	1.1		01/24/2025	1635
7440-48-4	Cobalt	2.9		01/24/2025	1635
7440-50-8	Copper	23		01/24/2025	1635
7439-92-1	Lead	16		01/24/2025	1635
7439-96-5	Manganese	350	*	01/24/2025	1635
7440-02-0	Nickel	10		01/24/2025	1635
7782-49-2	Selenium	0.41	J	01/24/2025	1635
7439-98-7	Molybdenum	0.64	J	01/24/2025	1635
7440-22-4	Silver	0.66		01/24/2025	1635
7440-28-0	Thallium	0.41	U	01/24/2025	1635
7440-62-2	Vanadium	3.3		01/24/2025	1635
7440-66-6	Zinc	35		01/24/2025	1635
7440-24-6	Strontium	32	J	01/24/2025	1635

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

YE8F2

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51955 MA No. : 3152.0 SDG No.: YE8G3
 Matrix: SOIL Lab Sample ID: Q1105-16
 % Solids: 80.8 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	1.7		01/24/2025	1638
7440-38-2	Arsenic	78		01/24/2025	1638
7440-39-3	Barium	28		01/24/2025	1638
7440-41-7	Beryllium	0.10	J	01/24/2025	1638
7440-43-9	Cadmium	0.39	J	01/24/2025	1638
7440-47-3	Chromium	2.1		01/24/2025	1638
7440-48-4	Cobalt	6.8		01/24/2025	1638
7440-50-8	Copper	53		01/24/2025	1638
7439-92-1	Lead	53		01/24/2025	1638
7439-96-5	Manganese	250	*	01/24/2025	1638
7440-02-0	Nickel	24		01/24/2025	1638
7782-49-2	Selenium	1.4	J	01/24/2025	1638
7439-98-7	Molybdenum	1.3	J	01/24/2025	1638
7440-22-4	Silver	0.86		01/24/2025	1638
7440-28-0	Thallium	0.56	U	01/24/2025	1638
7440-62-2	Vanadium	3.7		01/24/2025	1638
7440-66-6	Zinc	150		01/24/2025	1638
7440-24-6	Strontium	26	J	01/24/2025	1638

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

YE8F3

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

Lab Code: ACE Case No.: 51955 MA No. : 3152.0 SDG No.: YE8G3

Matrix: SOIL Lab Sample ID: Q1105-17

% Solids: 89.5 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	1.5		01/24/2025	1641
7440-38-2	Arsenic	82		01/24/2025	1641
7440-39-3	Barium	31		01/24/2025	1641
7440-41-7	Beryllium	0.12	J	01/24/2025	1641
7440-43-9	Cadmium	0.28	J	01/24/2025	1641
7440-47-3	Chromium	2.1		01/24/2025	1641
7440-48-4	Cobalt	6.9		01/24/2025	1641
7440-50-8	Copper	38		01/24/2025	1641
7439-92-1	Lead	43		01/24/2025	1641
7439-96-5	Manganese	280	*	01/24/2025	1641
7440-02-0	Nickel	24		01/24/2025	1641
7782-49-2	Selenium	1.2	J	01/24/2025	1641
7439-98-7	Molybdenum	1.2	J	01/24/2025	1641
7440-22-4	Silver	0.67		01/24/2025	1641
7440-28-0	Thallium	0.47	U	01/24/2025	1641
7440-62-2	Vanadium	3.3		01/24/2025	1641
7440-66-6	Zinc	68		01/24/2025	1641
7440-24-6	Strontium	100		01/24/2025	1641

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

YE8F4

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

Lab Code: ACE Case No.: 51955 MA No. : 3152.0 SDG No.: YE8G3

Matrix: SOIL Lab Sample ID: Q1105-18

% Solids: 92.1 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	0.65	J	01/24/2025	1645
7440-38-2	Arsenic	35		01/24/2025	1645
7440-39-3	Barium	21		01/24/2025	1645
7440-41-7	Beryllium	0.41	U	01/24/2025	1645
7440-43-9	Cadmium	0.32	J	01/24/2025	1645
7440-47-3	Chromium	1.2		01/24/2025	1645
7440-48-4	Cobalt	2.9		01/24/2025	1645
7440-50-8	Copper	18		01/24/2025	1645
7439-92-1	Lead	22		01/24/2025	1645
7439-96-5	Manganese	230	*	01/24/2025	1645
7440-02-0	Nickel	6.5		01/24/2025	1645
7782-49-2	Selenium	0.40	J	01/24/2025	1645
7439-98-7	Molybdenum	0.52	J	01/24/2025	1645
7440-22-4	Silver	0.18	J	01/24/2025	1645
7440-28-0	Thallium	0.41	U	01/24/2025	1645
7440-62-2	Vanadium	3.0		01/24/2025	1645
7440-66-6	Zinc	120		01/24/2025	1645
7440-24-6	Strontium	34	J	01/24/2025	1645

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

YE8F6

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

Lab Code: ACE Case No.: 51955 MA No. : 3152.0 SDG No.: YE8G3

Matrix: SOIL Lab Sample ID: Q1105-19

% Solids: 90.8 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	1.6		01/24/2025	1648
7440-38-2	Arsenic	78		01/24/2025	1648
7440-39-3	Barium	36		01/24/2025	1648
7440-41-7	Beryllium	0.24	J	01/24/2025	1648
7440-43-9	Cadmium	0.53		01/24/2025	1648
7440-47-3	Chromium	17		01/24/2025	1648
7440-48-4	Cobalt	20		01/24/2025	1648
7440-50-8	Copper	71		01/24/2025	1648
7439-92-1	Lead	12		01/24/2025	1648
7439-96-5	Manganese	530	*	01/24/2025	1648
7440-02-0	Nickel	70		01/24/2025	1648
7782-49-2	Selenium	0.87	J	01/24/2025	1648
7439-98-7	Molybdenum	2.0		01/24/2025	1648
7440-22-4	Silver	0.32	J	01/24/2025	1648
7440-28-0	Thallium	0.065	J	01/24/2025	1648
7440-62-2	Vanadium	21		01/24/2025	1648
7440-66-6	Zinc	84		01/24/2025	1648
7440-24-6	Strontium	64	J	01/24/2025	1648

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

YE8G0

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

Lab Code: ACE Case No.: 51955 MA No. : 3152.0 SDG No.: YE8G3

Matrix: SOIL Lab Sample ID: Q1105-20

% Solids: 93.1 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	0.84	J	01/24/2025	1651
7440-38-2	Arsenic	10		01/24/2025	1651
7440-39-3	Barium	74		01/24/2025	1651
7440-41-7	Beryllium	0.33	J	01/24/2025	1651
7440-43-9	Cadmium	0.22	J	01/24/2025	1651
7440-47-3	Chromium	15		01/24/2025	1651
7440-48-4	Cobalt	18		01/24/2025	1651
7440-50-8	Copper	58		01/24/2025	1651
7439-92-1	Lead	9.5		01/24/2025	1651
7439-96-5	Manganese	340	*	01/24/2025	1651
7440-02-0	Nickel	32		01/24/2025	1651
7782-49-2	Selenium	0.75	J	01/24/2025	1651
7439-98-7	Molybdenum	2.2		01/24/2025	1651
7440-22-4	Silver	0.15	J	01/24/2025	1651
7440-28-0	Thallium	0.47	U	01/24/2025	1651
7440-62-2	Vanadium	25		01/24/2025	1651
7440-66-6	Zinc	62		01/24/2025	1651
7440-24-6	Strontium	8.1	J	01/24/2025	1651

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

YE8G1

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

Lab Code: ACE Case No.: 51955 MA No. : 3152.0 SDG No.: YE8G3

Matrix: SOIL Lab Sample ID: Q1105-21

% Solids: 80.3 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	0.54	J	01/24/2025	1654
7440-38-2	Arsenic	13		01/24/2025	1654
7440-39-3	Barium	78		01/24/2025	1654
7440-41-7	Beryllium	0.40	J	01/24/2025	1654
7440-43-9	Cadmium	0.28	J	01/24/2025	1654
7440-47-3	Chromium	16		01/24/2025	1654
7440-48-4	Cobalt	19		01/24/2025	1654
7440-50-8	Copper	60		01/24/2025	1654
7439-92-1	Lead	10		01/24/2025	1654
7439-96-5	Manganese	540	*	01/24/2025	1654
7440-02-0	Nickel	62		01/24/2025	1654
7782-49-2	Selenium	0.73	J	01/24/2025	1654
7439-98-7	Molybdenum	4.0		01/24/2025	1654
7440-22-4	Silver	0.14	J	01/24/2025	1654
7440-28-0	Thallium	0.49	U	01/24/2025	1654
7440-62-2	Vanadium	25		01/24/2025	1654
7440-66-6	Zinc	80		01/24/2025	1654
7440-24-6	Strontium	14	J	01/24/2025	1654

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

YE8G2

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51955 MA No. : 3152.0 SDG No.: YE8G3
Matrix: SOIL Lab Sample ID: Q1105-22
% Solids: 94.9 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	0.19	J	01/24/2025	1658
7440-38-2	Arsenic	9.1		01/24/2025	1658
7440-39-3	Barium	58		01/24/2025	1658
7440-41-7	Beryllium	0.52		01/24/2025	1658
7440-43-9	Cadmium	0.35	J	01/24/2025	1658
7440-47-3	Chromium	18		01/24/2025	1658
7440-48-4	Cobalt	36		01/24/2025	1658
7440-50-8	Copper	44		01/24/2025	1658
7439-92-1	Lead	8.2		01/24/2025	1658
7439-96-5	Manganese	1000	*	01/24/2025	1658
7440-02-0	Nickel	100		01/24/2025	1658
7782-49-2	Selenium	2.0	U	01/24/2025	1658
7439-98-7	Molybdenum	1.3	J	01/24/2025	1658
7440-22-4	Silver	0.088	J	01/24/2025	1658
7440-28-0	Thallium	0.060	J	01/24/2025	1658
7440-62-2	Vanadium	27		01/24/2025	1658
7440-66-6	Zinc	120		01/24/2025	1658
7440-24-6	Strontium	12	J	01/24/2025	1658

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

YE8G3

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51955 MA No. : 3152.0 SDG No.: YE8G3
Matrix: SOIL Lab Sample ID: Q1105-01
% Solids: 64.9 Date Received: 01/16/2025
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	4.3		01/24/2025	1536
7440-38-2	Arsenic	46		01/24/2025	1536
7440-39-3	Barium	150		01/24/2025	1536
7440-41-7	Beryllium	0.57	J	01/24/2025	1536
7440-43-9	Cadmium	1.6		01/24/2025	1536
7440-47-3	Chromium	44		01/24/2025	1536
7440-48-4	Cobalt	6.8		01/24/2025	1536
7440-50-8	Copper	48		01/24/2025	1536
7439-92-1	Lead	38		01/24/2025	1536
7439-96-5	Manganese	660	*	01/24/2025	1536
7440-02-0	Nickel	17		01/24/2025	1536
7782-49-2	Selenium	0.91	J	01/24/2025	1536
7439-98-7	Molybdenum	57		01/24/2025	1536
7440-22-4	Silver	0.19	J	01/24/2025	1536
7440-28-0	Thallium	0.65	U	01/24/2025	1536
7440-62-2	Vanadium	78		01/24/2025	1536
7440-66-6	Zinc	310		01/24/2025	1536
7440-24-6	Strontium	380		01/24/2025	1536

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

YE8G5

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51955 MA No. : 3152.0 SDG No.: YE8G3
 Matrix: SOIL Lab Sample ID: Q1105-02
 % Solids: 94.8 Date Received: 01/16/2025
 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	0.31	J	01/24/2025	1539
7440-38-2	Arsenic	9.1		01/24/2025	1539
7440-39-3	Barium	47		01/24/2025	1539
7440-41-7	Beryllium	0.33	J	01/24/2025	1539
7440-43-9	Cadmium	0.47	U	01/24/2025	1539
7440-47-3	Chromium	78		01/24/2025	1539
7440-48-4	Cobalt	13		01/24/2025	1539
7440-50-8	Copper	68		01/24/2025	1539
7439-92-1	Lead	6.5		01/24/2025	1539
7439-96-5	Manganese	800	*	01/24/2025	1539
7440-02-0	Nickel	12		01/24/2025	1539
7782-49-2	Selenium	2.4	U	01/24/2025	1539
7439-98-7	Molybdenum	12		01/24/2025	1539
7440-22-4	Silver	0.052	J	01/24/2025	1539
7440-28-0	Thallium	0.47	U	01/24/2025	1539
7440-62-2	Vanadium	36		01/24/2025	1539
7440-66-6	Zinc	44		01/24/2025	1539
7440-24-6	Strontium	23	J	01/24/2025	1539

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

YE8G6

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51955 MA No. : 3152.0 SDG No.: YE8G3
Matrix: SOIL Lab Sample ID: Q1105-03
% Solids: 76.8 Date Received: 01/16/2025
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	0.15	J	01/24/2025	1542
7440-38-2	Arsenic	1.5		01/24/2025	1542
7440-39-3	Barium	19		01/24/2025	1542
7440-41-7	Beryllium	0.58	U	01/24/2025	1542
7440-43-9	Cadmium	0.73		01/24/2025	1542
7440-47-3	Chromium	3.0		01/24/2025	1542
7440-48-4	Cobalt	1.3		01/24/2025	1542
7440-50-8	Copper	8.6		01/24/2025	1542
7439-92-1	Lead	1.2		01/24/2025	1542
7439-96-5	Manganese	150	*	01/24/2025	1542
7440-02-0	Nickel	15		01/24/2025	1542
7782-49-2	Selenium	2.9	U	01/24/2025	1542
7439-98-7	Molybdenum	1.0	J	01/24/2025	1542
7440-22-4	Silver	0.041	J	01/24/2025	1542
7440-28-0	Thallium	0.58	U	01/24/2025	1542
7440-62-2	Vanadium	4.2		01/24/2025	1542
7440-66-6	Zinc	31		01/24/2025	1542
7440-24-6	Strontium	24	JD	01/24/2025	1836

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

YE8H0

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

Lab Code: ACE Case No.: 51955 MA No. : 3152.0 SDG No.: YE8G3

Matrix: SOIL Lab Sample ID: Q1105-06

% Solids: 87.9 Date Received: 01/16/2025

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	0.33	J	01/24/2025	1556
7440-38-2	Arsenic	11		01/24/2025	1556
7440-39-3	Barium	120		01/24/2025	1556
7440-41-7	Beryllium	0.62		01/24/2025	1556
7440-43-9	Cadmium	0.50	U	01/24/2025	1556
7440-47-3	Chromium	54		01/24/2025	1556
7440-48-4	Cobalt	24		01/24/2025	1556
7440-50-8	Copper	64		01/24/2025	1556
7439-92-1	Lead	6.9		01/24/2025	1556
7439-96-5	Manganese	1000	*	01/24/2025	1556
7440-02-0	Nickel	21		01/24/2025	1556
7782-49-2	Selenium	2.5	U	01/24/2025	1556
7439-98-7	Molybdenum	0.39	J	01/24/2025	1556
7440-22-4	Silver	0.069	J	01/24/2025	1556
7440-28-0	Thallium	0.50	U	01/24/2025	1556
7440-62-2	Vanadium	95		01/24/2025	1556
7440-66-6	Zinc	64		01/24/2025	1556
7440-24-6	Strontium	37	J	01/24/2025	1556

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

YE8H1

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

Lab Code: ACE Case No.: 51955 MA No. : 3152.0 SDG No.: YE8G3

Matrix: SOIL Lab Sample ID: Q1105-07

% Solids: 76 Date Received: 01/16/2025

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	0.36	J	01/24/2025	1559
7440-38-2	Arsenic	13		01/24/2025	1559
7440-39-3	Barium	170		01/24/2025	1559
7440-41-7	Beryllium	0.79		01/24/2025	1559
7440-43-9	Cadmium	0.093	J	01/24/2025	1559
7440-47-3	Chromium	80		01/24/2025	1559
7440-48-4	Cobalt	28		01/24/2025	1559
7440-50-8	Copper	85		01/24/2025	1559
7439-92-1	Lead	9.8		01/24/2025	1559
7439-96-5	Manganese	1200	*	01/24/2025	1559
7440-02-0	Nickel	25		01/24/2025	1559
7782-49-2	Selenium	0.42	J	01/24/2025	1559
7439-98-7	Molybdenum	0.32	J	01/24/2025	1559
7440-22-4	Silver	0.075	J	01/24/2025	1559
7440-28-0	Thallium	0.070	J	01/24/2025	1559
7440-62-2	Vanadium	130		01/24/2025	1559
7440-66-6	Zinc	61		01/24/2025	1559
7440-24-6	Strontium	42	J	01/24/2025	1559

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

YE8H2

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51955 MA No. : 3152.0 SDG No.: YE8G3
 Matrix: SOIL Lab Sample ID: Q1105-08
 % Solids: 62.4 Date Received: 01/16/2025
 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	1.2	J	01/24/2025	1602
7440-38-2	Arsenic	770	D	01/24/2025	1849
7440-39-3	Barium	120		01/24/2025	1602
7440-41-7	Beryllium	0.51	J	01/24/2025	1602
7440-43-9	Cadmium	0.35	J	01/24/2025	1602
7440-47-3	Chromium	44		01/24/2025	1602
7440-48-4	Cobalt	26		01/24/2025	1602
7440-50-8	Copper	130		01/24/2025	1602
7439-92-1	Lead	130		01/24/2025	1602
7439-96-5	Manganese	1100	*	01/24/2025	1602
7440-02-0	Nickel	30		01/24/2025	1602
7782-49-2	Selenium	1.8	J	01/24/2025	1602
7439-98-7	Molybdenum	3.8		01/24/2025	1602
7440-22-4	Silver	0.61	J	01/24/2025	1602
7440-28-0	Thallium	0.67	U	01/24/2025	1602
7440-62-2	Vanadium	92		01/24/2025	1602
7440-66-6	Zinc	190		01/24/2025	1602
7440-24-6	Strontium	83	J	01/24/2025	1602

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

YE8H3

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51955 MA No. : 3152.0 SDG No.: YE8G3
 Matrix: SOIL Lab Sample ID: Q1105-09
 % Solids: 82.7 Date Received: 01/16/2025
 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	0.76	J	01/24/2025	1605
7440-38-2	Arsenic	86		01/24/2025	1605
7440-39-3	Barium	56		01/24/2025	1605
7440-41-7	Beryllium	0.53		01/24/2025	1605
7440-43-9	Cadmium	0.48		01/24/2025	1605
7440-47-3	Chromium	20		01/24/2025	1605
7440-48-4	Cobalt	28		01/24/2025	1605
7440-50-8	Copper	160		01/24/2025	1605
7439-92-1	Lead	35		01/24/2025	1605
7439-96-5	Manganese	220	*	01/24/2025	1605
7440-02-0	Nickel	49		01/24/2025	1605
7782-49-2	Selenium	0.58	J	01/24/2025	1605
7439-98-7	Molybdenum	1.3	J	01/24/2025	1605
7440-22-4	Silver	0.39	J	01/24/2025	1605
7440-28-0	Thallium	0.45	U	01/24/2025	1605
7440-62-2	Vanadium	60		01/24/2025	1605
7440-66-6	Zinc	460		01/24/2025	1605
7440-24-6	Strontium	36	J	01/24/2025	1605

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

YE8H4

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

Lab Code: ACE Case No.: 51955 MA No. : 3152.0 SDG No.: YE8G3

Matrix: SOIL Lab Sample ID: Q1105-10

% Solids: 93.8 Date Received: 01/16/2025

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	0.93	U	01/24/2025	1609
7440-38-2	Arsenic	0.83		01/24/2025	1609
7440-39-3	Barium	96		01/24/2025	1609
7440-41-7	Beryllium	0.15	J	01/24/2025	1609
7440-43-9	Cadmium	0.46	U	01/24/2025	1609
7440-47-3	Chromium	3.2		01/24/2025	1609
7440-48-4	Cobalt	6.5		01/24/2025	1609
7440-50-8	Copper	11		01/24/2025	1609
7439-92-1	Lead	1.1		01/24/2025	1609
7439-96-5	Manganese	640	*	01/24/2025	1609
7440-02-0	Nickel	3.1		01/24/2025	1609
7782-49-2	Selenium	2.3	U	01/24/2025	1609
7439-98-7	Molybdenum	0.19	J	01/24/2025	1609
7440-22-4	Silver	0.46	U	01/24/2025	1609
7440-28-0	Thallium	0.46	U	01/24/2025	1609
7440-62-2	Vanadium	14		01/24/2025	1609
7440-66-6	Zinc	40		01/24/2025	1609
7440-24-6	Strontium	11	J	01/24/2025	1609

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

YE8H5

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

Lab Code: ACE Case No.: 51955 MA No. : 3152.0 SDG No.: YE8G3

Matrix: SOIL Lab Sample ID: Q1105-11

% Solids: 83.3 Date Received: 01/16/2025

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	0.47	J	01/24/2025	1622
7440-38-2	Arsenic	63		01/24/2025	1622
7440-39-3	Barium	130		01/24/2025	1622
7440-41-7	Beryllium	0.63		01/24/2025	1622
7440-43-9	Cadmium	0.17	J	01/24/2025	1622
7440-47-3	Chromium	29		01/24/2025	1622
7440-48-4	Cobalt	21		01/24/2025	1622
7440-50-8	Copper	74		01/24/2025	1622
7439-92-1	Lead	8.8		01/24/2025	1622
7439-96-5	Manganese	250	*	01/24/2025	1622
7440-02-0	Nickel	23		01/24/2025	1622
7782-49-2	Selenium	2.5	U	01/24/2025	1622
7439-98-7	Molybdenum	0.38	J	01/24/2025	1622
7440-22-4	Silver	0.22	J	01/24/2025	1622
7440-28-0	Thallium	0.099	J	01/24/2025	1622
7440-62-2	Vanadium	74		01/24/2025	1622
7440-66-6	Zinc	110		01/24/2025	1622
7440-24-6	Strontium	42	J	01/24/2025	1622

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

YE8H6

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51955 MA No. : 3152.0 SDG No.: YE8G3
 Matrix: SOIL Lab Sample ID: Q1105-12
 % Solids: 95.9 Date Received: 01/16/2025
 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	0.17	J	01/24/2025	1625
7440-38-2	Arsenic	10		01/24/2025	1625
7440-39-3	Barium	170		01/24/2025	1625
7440-41-7	Beryllium	0.38	J	01/24/2025	1625
7440-43-9	Cadmium	0.13	J	01/24/2025	1625
7440-47-3	Chromium	3.0		01/24/2025	1625
7440-48-4	Cobalt	17		01/24/2025	1625
7440-50-8	Copper	97		01/24/2025	1625
7439-92-1	Lead	3.3		01/24/2025	1625
7439-96-5	Manganese	990	*	01/24/2025	1625
7440-02-0	Nickel	6.2		01/24/2025	1625
7782-49-2	Selenium	0.41	J	01/24/2025	1625
7439-98-7	Molybdenum	0.38	J	01/24/2025	1625
7440-22-4	Silver	0.082	J	01/24/2025	1625
7440-28-0	Thallium	0.073	J	01/24/2025	1625
7440-62-2	Vanadium	27		01/24/2025	1625
7440-66-6	Zinc	82		01/24/2025	1625
7440-24-6	Strontium	36	J	01/24/2025	1625

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

Comments: