

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.
GCPZ8

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51925 MA No. : SDG No.: GCPZ8
Matrix: SOIL Lab Sample ID: Q1045-01
% Solids: 98.5 Date Received: 01/09/2025
Analytical Method: ICP_AES
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
7440-38-2	Arsenic	5.2		01/23/2025	1942
7440-39-3	Barium	2200	D	01/24/2025	1414
7440-43-9	Cadmium	1.6		01/23/2025	1942
7440-47-3	Chromium	9.8		01/23/2025	1942
7440-48-4	Cobalt	9.6		01/23/2025	1942
7439-92-1	Lead	85		01/23/2025	1942

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

Comments:

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EPA SAMPLE NO.
GCPZ9

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51925 MA No. : SDG No.: GCPZ8
Matrix: SOIL Lab Sample ID: Q1045-02
% Solids: 99.7 Date Received: 01/09/2025
Analytical Method: ICP_AES
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
7440-38-2	Arsenic	7.7		01/23/2025	1947
7440-39-3	Barium	780		01/23/2025	1947
7440-43-9	Cadmium	8.3		01/23/2025	1947
7440-47-3	Chromium	4.7		01/23/2025	1947
7440-48-4	Cobalt	3.8	J	01/23/2025	1947
7439-92-1	Lead	2600		01/23/2025	1947

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

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EPA SAMPLE NO.

GCQ00

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51925 MA No. : SDG No.: GCPZ8
Matrix: SOIL Lab Sample ID: Q1045-03
% Solids: 97.8 Date Received: 01/09/2025
Analytical Method: ICP_AES
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
7440-38-2	Arsenic	11		01/23/2025	1951
7440-39-3	Barium	2400	D	01/24/2025	1418
7440-43-9	Cadmium	2.6		01/23/2025	1951
7440-47-3	Chromium	17		01/23/2025	1951
7440-48-4	Cobalt	18		01/23/2025	1951
7439-92-1	Lead	1300		01/23/2025	1951

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

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EPA SAMPLE NO.

GCQ01

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51925 MA No. : SDG No.: GCPZ8
Matrix: SOIL Lab Sample ID: Q1045-04
% Solids: 97.3 Date Received: 01/09/2025
Analytical Method: ICP_AES
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
7440-38-2	Arsenic	8.3		01/23/2025	1955
7440-39-3	Barium	3200	D	01/24/2025	1422
7440-43-9	Cadmium	0.71		01/23/2025	1955
7440-47-3	Chromium	14		01/23/2025	1955
7440-48-4	Cobalt	13		01/23/2025	1955
7439-92-1	Lead	170		01/23/2025	1955

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

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GCQ02

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51925 MA No. : SDG No.: GCPZ8
Matrix: SOIL Lab Sample ID: Q1045-05
% Solids: 99 Date Received: 01/09/2025
Analytical Method: ICP_AES
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
7440-38-2	Arsenic	3.1		01/23/2025	1959
7440-39-3	Barium	2200	D	01/24/2025	1426
7440-43-9	Cadmium	2.3		01/23/2025	1959
7440-47-3	Chromium	5.9		01/23/2025	1959
7440-48-4	Cobalt	2.4	J	01/23/2025	1959
7439-92-1	Lead	69		01/23/2025	1959

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

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GCQ03

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51925 MA No. : SDG No.: GCPZ8
Matrix: SOIL Lab Sample ID: Q1045-06
% Solids: 99.7 Date Received: 01/09/2025
Analytical Method: ICP_AES
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
7440-38-2	Arsenic	7.1		01/23/2025	2003
7440-39-3	Barium	630		01/23/2025	2003
7440-43-9	Cadmium	7.9		01/23/2025	2003
7440-47-3	Chromium	2.3		01/23/2025	2003
7440-48-4	Cobalt	2.4	J	01/23/2025	2003
7439-92-1	Lead	100		01/23/2025	2003

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

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GCQ04

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51925 MA No. : SDG No.: GCPZ8
Matrix: SOIL Lab Sample ID: Q1045-07
% Solids: 98.4 Date Received: 01/09/2025
Analytical Method: ICP_AES
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
7440-38-2	Arsenic	8.5		01/23/2025	2008
7440-39-3	Barium	2900	D	01/24/2025	1324
7440-43-9	Cadmium	14		01/23/2025	2008
7440-47-3	Chromium	15		01/23/2025	2008
7440-48-4	Cobalt	13		01/23/2025	2008
7439-92-1	Lead	1300		01/23/2025	2008

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

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GCQ05

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51925 MA No. : SDG No.: GCPZ8
Matrix: SOIL Lab Sample ID: Q1045-10
% Solids: 97.4 Date Received: 01/09/2025
Analytical Method: ICP_AES
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
7440-38-2	Arsenic	8.0		01/23/2025	2024
7440-39-3	Barium	3300	D	01/24/2025	1545
7440-43-9	Cadmium	0.56		01/23/2025	2024
7440-47-3	Chromium	18		01/23/2025	2024
7440-48-4	Cobalt	16		01/23/2025	2024
7439-92-1	Lead	160		01/23/2025	2024

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

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GCQ06

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51925 MA No. : SDG No.: GCPZ8
Matrix: SOIL Lab Sample ID: Q1045-11
% Solids: 97.3 Date Received: 01/09/2025
Analytical Method: ICP_AES
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
7440-38-2	Arsenic	8.4		01/23/2025	2028
7440-39-3	Barium	3300	D	01/24/2025	1443
7440-43-9	Cadmium	0.46		01/23/2025	2028
7440-47-3	Chromium	22		01/23/2025	2028
7440-48-4	Cobalt	10		01/23/2025	2028
7439-92-1	Lead	120		01/23/2025	2028

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

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EPA SAMPLE NO.
GCQ07

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51925 MA No. : SDG No.: GCPZ8
Matrix: SOIL Lab Sample ID: Q1045-12
% Solids: 96.5 Date Received: 01/09/2025
Analytical Method: ICP_AES
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
7440-38-2	Arsenic	9.9		01/23/2025	2032
7440-39-3	Barium	1500		01/23/2025	2032
7440-43-9	Cadmium	0.45		01/23/2025	2032
7440-47-3	Chromium	21		01/23/2025	2032
7440-48-4	Cobalt	19		01/23/2025	2032
7439-92-1	Lead	96		01/23/2025	2032

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

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GCQ08

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

Lab Code: ACE Case No.: 51925 MA No. : SDG No.: GCPZ8

Matrix: SOIL Lab Sample ID: Q1045-13

% Solids: 97 Date Received: 01/09/2025

Analytical Method: ICP_AES

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
7440-38-2	Arsenic	7.9		01/23/2025	2037
7440-39-3	Barium	2200	D	01/24/2025	1447
7440-43-9	Cadmium	0.56		01/23/2025	2037
7440-47-3	Chromium	15		01/23/2025	2037
7440-48-4	Cobalt	22		01/23/2025	2037
7439-92-1	Lead	110		01/23/2025	2037

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

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GCQ09

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51925 MA No. : SDG No.: GCPZ8
Matrix: SOIL Lab Sample ID: Q1045-14
% Solids: 97.7 Date Received: 01/09/2025
Analytical Method: ICP_AES
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
7440-38-2	Arsenic	8.1		01/23/2025	2041
7440-39-3	Barium	1300		01/23/2025	2041
7440-43-9	Cadmium	0.44	J	01/23/2025	2041
7440-47-3	Chromium	15		01/23/2025	2041
7440-48-4	Cobalt	18		01/23/2025	2041
7439-92-1	Lead	83		01/23/2025	2041

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

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GCQ10

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51925 MA No. : SDG No.: GCPZ8
Matrix: SOIL Lab Sample ID: Q1045-15
% Solids: 98.1 Date Received: 01/09/2025
Analytical Method: ICP_AES
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
7440-38-2	Arsenic	8.9		01/23/2025	2045
7440-39-3	Barium	1300		01/23/2025	2045
7440-43-9	Cadmium	0.51		01/23/2025	2045
7440-47-3	Chromium	15		01/23/2025	2045
7440-48-4	Cobalt	27		01/23/2025	2045
7439-92-1	Lead	110		01/23/2025	2045

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

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GCQ11

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51925 MA No. : SDG No.: GCPZ8
Matrix: SOIL Lab Sample ID: Q1045-16
% Solids: 97.7 Date Received: 01/09/2025
Analytical Method: ICP_AES
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
7440-38-2	Arsenic	7.4		01/23/2025	2049
7440-39-3	Barium	3200	D	01/24/2025	1451
7440-43-9	Cadmium	0.57		01/23/2025	2049
7440-47-3	Chromium	13		01/23/2025	2049
7440-48-4	Cobalt	22		01/23/2025	2049
7439-92-1	Lead	130		01/23/2025	2049

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

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GCQ12

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

Lab Code: ACE Case No.: 51925 MA No. : SDG No.: GCPZ8

Matrix: SOIL Lab Sample ID: Q1045-17

% Solids: 98.6 Date Received: 01/09/2025

Analytical Method: ICP_AES

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
7440-38-2	Arsenic	3.5		01/23/2025	2053
7440-39-3	Barium	3100	D	01/27/2025	1639
7440-43-9	Cadmium	0.66		01/23/2025	2053
7440-47-3	Chromium	8.5		01/23/2025	2053
7440-48-4	Cobalt	4.0		01/23/2025	2053
7439-92-1	Lead	84		01/23/2025	2053

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

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GCQ13

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

Lab Code: ACE Case No.: 51925 MA No. : SDG No.: GCPZ8

Matrix: SOIL Lab Sample ID: Q1045-18

% Solids: 97.4 Date Received: 01/09/2025

Analytical Method: ICP_AES

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
7440-38-2	Arsenic	7.2		01/23/2025	2106
7440-39-3	Barium	3500	D	01/24/2025	1455
7440-43-9	Cadmium	0.47		01/23/2025	2106
7440-47-3	Chromium	13		01/23/2025	2106
7440-48-4	Cobalt	18		01/23/2025	2106
7439-92-1	Lead	130		01/23/2025	2106

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

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GCQ14

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51925 MA No. : SDG No.: GCPZ8
Matrix: SOIL Lab Sample ID: Q1045-19
% Solids: 98.3 Date Received: 01/09/2025
Analytical Method: ICP_AES
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
7440-38-2	Arsenic	9.8		01/23/2025	2110
7440-39-3	Barium	1700		01/23/2025	2110
7440-43-9	Cadmium	0.57		01/23/2025	2110
7440-47-3	Chromium	16		01/23/2025	2110
7440-48-4	Cobalt	27		01/23/2025	2110
7439-92-1	Lead	110		01/23/2025	2110

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

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GCQ15

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51925 MA No. : SDG No.: GCPZ8
Matrix: SOIL Lab Sample ID: Q1045-20
% Solids: 96 Date Received: 01/09/2025
Analytical Method: ICP_AES
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
7440-38-2	Arsenic	6.8		01/23/2025	2114
7440-39-3	Barium	3600	D	01/24/2025	1459
7440-43-9	Cadmium	1.1		01/23/2025	2114
7440-47-3	Chromium	12		01/23/2025	2114
7440-48-4	Cobalt	14		01/23/2025	2114
7439-92-1	Lead	190		01/23/2025	2114

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

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GCQ16

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51925 MA No. : SDG No.: GCPZ8
Matrix: SOIL Lab Sample ID: Q1045-21
% Solids: 97 Date Received: 01/09/2025
Analytical Method: ICP_AES
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
7440-38-2	Arsenic	8.2		01/23/2025	2118
7440-39-3	Barium	1400		01/23/2025	2118
7440-43-9	Cadmium	0.43		01/23/2025	2118
7440-47-3	Chromium	15		01/23/2025	2118
7440-48-4	Cobalt	15		01/23/2025	2118
7439-92-1	Lead	89		01/23/2025	2118

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

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GCQ17

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51925 MA No. : SDG No.: GCPZ8
Matrix: SOIL Lab Sample ID: Q1045-22
% Solids: 98.1 Date Received: 01/09/2025
Analytical Method: ICP_AES
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
7440-38-2	Arsenic	7.0		01/23/2025	2122
7440-39-3	Barium	4300	D	01/24/2025	1541
7440-43-9	Cadmium	1.3		01/23/2025	2122
7440-47-3	Chromium	19		01/23/2025	2122
7440-48-4	Cobalt	4.8		01/23/2025	2122
7439-92-1	Lead	430		01/23/2025	2122

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

Comments:
