

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.
GCPD8

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51921 MA No. : SDG No.: GCPD8
Matrix: SOIL Lab Sample ID: Q1039-01
% Solids: 96.6 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	7.6		01/23/2025	1619
7440-39-3	Barium	170		01/23/2025	1619
7440-43-9	Cadmium	0.44	J	01/23/2025	1619
7440-47-3	Chromium	12		01/23/2025	1619
7440-48-4	Cobalt	17		01/23/2025	1619
7439-92-1	Lead	120		01/23/2025	1619

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

Comments:

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EPA SAMPLE NO.
GCPD9

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51921 MA No. : SDG No.: GCPD8
Matrix: SOIL Lab Sample ID: Q1039-02
% 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	4.4		01/23/2025	1623
7440-39-3	Barium	110		01/23/2025	1623
7440-43-9	Cadmium	0.29	J	01/23/2025	1623
7440-47-3	Chromium	10		01/23/2025	1623
7440-48-4	Cobalt	14		01/23/2025	1623
7439-92-1	Lead	96		01/23/2025	1623

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

Comments: _____

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EPA SAMPLE NO.

GCPE0

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51921 MA No. : SDG No.: GCPD8
Matrix: SOIL Lab Sample ID: Q1039-03
% Solids: 96.6 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	4.2		01/23/2025	1635
7440-39-3	Barium	110		01/23/2025	1635
7440-43-9	Cadmium	0.31	J	01/23/2025	1635
7440-47-3	Chromium	9.6		01/23/2025	1635
7440-48-4	Cobalt	15		01/23/2025	1635
7439-92-1	Lead	130		01/23/2025	1635

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

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EPA SAMPLE NO.

GCPE1

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51921 MA No. : SDG No.: GCPD8
Matrix: SOIL Lab Sample ID: Q1039-06
% Solids: 97.1 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	3.6		01/23/2025	1651
7440-39-3	Barium	84		01/23/2025	1651
7440-43-9	Cadmium	0.26	J	01/23/2025	1651
7440-47-3	Chromium	8.7		01/23/2025	1651
7440-48-4	Cobalt	14		01/23/2025	1651
7439-92-1	Lead	90		01/23/2025	1651

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

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EPA SAMPLE NO.

GCPE2

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51921 MA No. : SDG No.: GCPD8
Matrix: SOIL Lab Sample ID: Q1039-07
% Solids: 96.9 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	4.0		01/23/2025	1655
7440-39-3	Barium	76		01/23/2025	1655
7440-43-9	Cadmium	0.27	J	01/23/2025	1655
7440-47-3	Chromium	8.4		01/23/2025	1655
7440-48-4	Cobalt	12		01/23/2025	1655
7439-92-1	Lead	85		01/23/2025	1655

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

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EPA SAMPLE NO.

GCPE3

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51921 MA No. : SDG No.: GCPD8
Matrix: SOIL Lab Sample ID: Q1039-08
% Solids: 96.9 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	3.4		01/23/2025	1659
7440-39-3	Barium	90		01/23/2025	1659
7440-43-9	Cadmium	0.30	J	01/23/2025	1659
7440-47-3	Chromium	8.2		01/23/2025	1659
7440-48-4	Cobalt	9.9		01/23/2025	1659
7439-92-1	Lead	97		01/23/2025	1659

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

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EPA SAMPLE NO.

GCPE4

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51921 MA No. : SDG No.: GCPD8
Matrix: SOIL Lab Sample ID: Q1039-09
% Solids: 96.6 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	5.9		01/23/2025	1703
7440-39-3	Barium	150		01/23/2025	1703
7440-43-9	Cadmium	0.59		01/23/2025	1703
7440-47-3	Chromium	10		01/23/2025	1703
7440-48-4	Cobalt	17		01/23/2025	1703
7439-92-1	Lead	260		01/23/2025	1703

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

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EPA SAMPLE NO.
GCPE5

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51921 MA No. : SDG No.: GCPD8
Matrix: SOIL Lab Sample ID: Q1039-10
% Solids: 99.2 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	3.6		01/23/2025	1707
7440-39-3	Barium	2200	D	01/24/2025	1340
7440-43-9	Cadmium	1.4		01/23/2025	1707
7440-47-3	Chromium	5.3		01/23/2025	1707
7440-48-4	Cobalt	3.3	J	01/23/2025	1707
7439-92-1	Lead	130		01/23/2025	1707

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

Comments: _____

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EPA SAMPLE NO.

GCPE6

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51921 MA No. : SDG No.: GCPD8
Matrix: SOIL Lab Sample ID: Q1039-11
% Solids: 96.4 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	8.4		01/23/2025	1712
7440-39-3	Barium	290		01/23/2025	1712
7440-43-9	Cadmium	0.74		01/23/2025	1712
7440-47-3	Chromium	15		01/23/2025	1712
7440-48-4	Cobalt	16		01/23/2025	1712
7439-92-1	Lead	140		01/23/2025	1712

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

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EPA SAMPLE NO.

GCPE7

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51921 MA No. : SDG No.: GCPD8
Matrix: SOIL Lab Sample ID: Q1039-12
% Solids: 95.7 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	4.5		01/23/2025	1716
7440-39-3	Barium	140		01/23/2025	1716
7440-43-9	Cadmium	0.33	J	01/23/2025	1716
7440-47-3	Chromium	8.3		01/23/2025	1716
7440-48-4	Cobalt	7.7		01/23/2025	1716
7439-92-1	Lead	26		01/23/2025	1716

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

Comments:

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EPA SAMPLE NO.

GCPE8

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51921 MA No. : SDG No.: GCPD8
Matrix: SOIL Lab Sample ID: Q1039-13
% Solids: 95 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	4.9		01/23/2025	1720
7440-39-3	Barium	190		01/23/2025	1720
7440-43-9	Cadmium	0.45		01/23/2025	1720
7440-47-3	Chromium	8.4		01/23/2025	1720
7440-48-4	Cobalt	10		01/23/2025	1720
7439-92-1	Lead	26		01/23/2025	1720

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

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EPA SAMPLE NO.
GCPE9

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51921 MA No. : SDG No.: GCPD8
Matrix: SOIL Lab Sample ID: Q1039-14
% Solids: 95.8 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	8.5		01/23/2025	1724
7440-39-3	Barium	200		01/23/2025	1724
7440-43-9	Cadmium	0.49		01/23/2025	1724
7440-47-3	Chromium	10		01/23/2025	1724
7440-48-4	Cobalt	11		01/23/2025	1724
7439-92-1	Lead	29		01/23/2025	1724

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

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EPA SAMPLE NO.

GCPF0

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51921 MA No. : SDG No.: GCPD8
Matrix: SOIL Lab Sample ID: Q1039-15
% Solids: 93.3 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	5.0		01/23/2025	1727
7440-39-3	Barium	150		01/23/2025	1727
7440-43-9	Cadmium	0.65		01/23/2025	1727
7440-47-3	Chromium	11		01/23/2025	1727
7440-48-4	Cobalt	8.3		01/23/2025	1727
7439-92-1	Lead	30		01/23/2025	1727

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

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EPA SAMPLE NO.

GCPF1

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51921 MA No. : SDG No.: GCPD8
Matrix: SOIL Lab Sample ID: Q1039-16
% Solids: 95.9 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	5.4		01/23/2025	1731
7440-39-3	Barium	440		01/23/2025	1731
7440-43-9	Cadmium	0.42		01/23/2025	1731
7440-47-3	Chromium	9.9		01/23/2025	1731
7440-48-4	Cobalt	7.4		01/23/2025	1731
7439-92-1	Lead	27		01/23/2025	1731

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

Comments:

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EPA SAMPLE NO.

GCPF2

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51921 MA No. : SDG No.: GCPD8
Matrix: SOIL Lab Sample ID: Q1039-17
% Solids: 96.9 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	3.6		01/23/2025	1736
7440-39-3	Barium	170		01/23/2025	1736
7440-43-9	Cadmium	0.33	J	01/23/2025	1736
7440-47-3	Chromium	8.6		01/23/2025	1736
7440-48-4	Cobalt	5.9		01/23/2025	1736
7439-92-1	Lead	19		01/23/2025	1736

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

Comments:

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EPA SAMPLE NO.
GCPF3

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51921 MA No. : SDG No.: GCPD8
Matrix: SOIL Lab Sample ID: Q1039-18
% Solids: 95.7 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	3.4		01/23/2025	1740
7440-39-3	Barium	140		01/23/2025	1740
7440-43-9	Cadmium	0.33	J	01/23/2025	1740
7440-47-3	Chromium	7.8		01/23/2025	1740
7440-48-4	Cobalt	7.6		01/23/2025	1740
7439-92-1	Lead	19		01/23/2025	1740

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

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EPA SAMPLE NO.

GCPF4

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51921 MA No. : SDG No.: GCPD8
Matrix: SOIL Lab Sample ID: Q1039-19
% Solids: 97.9 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	4.3		01/23/2025	1743
7440-39-3	Barium	270		01/23/2025	1743
7440-43-9	Cadmium	0.52		01/23/2025	1743
7440-47-3	Chromium	8.6		01/23/2025	1743
7440-48-4	Cobalt	5.7		01/23/2025	1743
7439-92-1	Lead	74		01/23/2025	1743

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

Comments:

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EPA SAMPLE NO.
GCPF5

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51921 MA No. : SDG No.: GCPD8
Matrix: SOIL Lab Sample ID: Q1039-20
% Solids: 97 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	3.9		01/23/2025	1748
7440-39-3	Barium	310		01/23/2025	1748
7440-43-9	Cadmium	0.62		01/23/2025	1748
7440-47-3	Chromium	8.6		01/23/2025	1748
7440-48-4	Cobalt	7.8		01/23/2025	1748
7439-92-1	Lead	31		01/23/2025	1748

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

Comments:

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EPA SAMPLE NO.
GCPF6

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51921 MA No. : SDG No.: GCPD8
Matrix: SOIL Lab Sample ID: Q1039-21
% Solids: 98 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	4.1		01/23/2025	1751
7440-39-3	Barium	130		01/23/2025	1751
7440-43-9	Cadmium	0.40	J	01/23/2025	1751
7440-47-3	Chromium	9.1		01/23/2025	1751
7440-48-4	Cobalt	7.2		01/23/2025	1751
7439-92-1	Lead	19		01/23/2025	1751

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

Comments:

