

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

GCQ38

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51925 MA No. : SDG No.: GCQ38
Matrix: SOIL Lab Sample ID: Q1047-01
% Solids: 96.2 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	5.7		01/23/2025	1804
7440-39-3	Barium	1000		01/23/2025	1804
7440-43-9	Cadmium	0.79		01/23/2025	1804
7440-47-3	Chromium	12		01/23/2025	1804
7440-48-4	Cobalt	9.2		01/23/2025	1804
7439-92-1	Lead	85		01/23/2025	1804

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

Comments:

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GCQ39

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51925 MA No. : SDG No.: GCQ38
Matrix: SOIL Lab Sample ID: Q1047-02
% Solids: 89.2 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	3.8		01/23/2025	1808
7440-39-3	Barium	650		01/23/2025	1808
7440-43-9	Cadmium	0.43	J	01/23/2025	1808
7440-47-3	Chromium	9.7		01/23/2025	1808
7440-48-4	Cobalt	4.0	J	01/23/2025	1808
7439-92-1	Lead	46		01/23/2025	1808

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

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EPA SAMPLE NO.

GCQ40

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51925 MA No. : SDG No.: GCQ38
Matrix: SOIL Lab Sample ID: Q1047-03
% Solids: 96.8 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	7.7		01/23/2025	1812
7440-39-3	Barium	830		01/23/2025	1812
7440-43-9	Cadmium	0.52		01/23/2025	1812
7440-47-3	Chromium	25		01/23/2025	1812
7440-48-4	Cobalt	8.3		01/23/2025	1812
7439-92-1	Lead	81		01/23/2025	1812

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

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GCQ41

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51925 MA No. : SDG No.: GCQ38
Matrix: SOIL Lab Sample ID: Q1047-04
% Solids: 98.7 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	11		01/23/2025	1816
7440-39-3	Barium	2800	D	01/24/2025	0347
7440-43-9	Cadmium	16		01/23/2025	1816
7440-47-3	Chromium	14		01/23/2025	1816
7440-48-4	Cobalt	17		01/23/2025	1816
7439-92-1	Lead	2200		01/23/2025	1816

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

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GCQ42

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51925 MA No. : SDG No.: GCQ38
Matrix: SOIL Lab Sample ID: Q1047-07
% 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	5.8		01/23/2025	1833
7440-39-3	Barium	2500	D	01/24/2025	1520
7440-43-9	Cadmium	8.7		01/23/2025	1833
7440-47-3	Chromium	8.3		01/23/2025	1833
7440-48-4	Cobalt	9.1		01/23/2025	1833
7439-92-1	Lead	720		01/23/2025	1833

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

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GCQ43

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51925 MA No. : SDG No.: GCQ38
Matrix: SOIL Lab Sample ID: Q1047-08
% Solids: 93 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	1837
7440-39-3	Barium	3100	D	01/24/2025	1525
7440-43-9	Cadmium	8.0		01/23/2025	1837
7440-47-3	Chromium	21		01/23/2025	1837
7440-48-4	Cobalt	16		01/23/2025	1837
7439-92-1	Lead	760		01/23/2025	1837

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

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EPA SAMPLE NO.

GCQ44

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51925 MA No. : SDG No.: GCQ38
Matrix: SOIL Lab Sample ID: Q1047-09
% Solids: 93.8 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	12		01/23/2025	1841
7440-39-3	Barium	2900	D	01/24/2025	1529
7440-43-9	Cadmium	5.1		01/23/2025	1841
7440-47-3	Chromium	19		01/23/2025	1841
7440-48-4	Cobalt	17		01/23/2025	1841
7439-92-1	Lead	700		01/23/2025	1841

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

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EPA SAMPLE NO.

GCQ45

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51925 MA No. : SDG No.: GCQ38
Matrix: SOIL Lab Sample ID: Q1047-10
% Solids: 94.1 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	20		01/23/2025	1845
7440-39-3	Barium	3400	D	01/24/2025	1533
7440-43-9	Cadmium	13		01/23/2025	1845
7440-47-3	Chromium	32		01/23/2025	1845
7440-48-4	Cobalt	20		01/23/2025	1845
7439-92-1	Lead	770		01/23/2025	1845

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

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EPA SAMPLE NO.
GCQ46

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51925 MA No. : SDG No.: GCQ38
Matrix: SOIL Lab Sample ID: Q1047-11
% Solids: 91.5 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	15		01/23/2025	1849
7440-39-3	Barium	2900	D	01/24/2025	1537
7440-43-9	Cadmium	4.6		01/23/2025	1849
7440-47-3	Chromium	21		01/23/2025	1849
7440-48-4	Cobalt	13		01/23/2025	1849
7439-92-1	Lead	370		01/23/2025	1849

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

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EPA SAMPLE NO.

GCQ47

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51925 MA No. : SDG No.: GCQ38
Matrix: SOIL Lab Sample ID: Q1047-12
% Solids: 93.4 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	8.1		01/23/2025	1853
7440-39-3	Barium	2200	D	01/24/2025	1558
7440-43-9	Cadmium	0.85		01/23/2025	1853
7440-47-3	Chromium	19		01/23/2025	1853
7440-48-4	Cobalt	16		01/23/2025	1853
7439-92-1	Lead	360		01/23/2025	1853

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

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GCQ48

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51925 MA No. : SDG No.: GCQ38
Matrix: SOIL Lab Sample ID: Q1047-13
% Solids: 92.9 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	1858
7440-39-3	Barium	2600	D	01/24/2025	1618
7440-43-9	Cadmium	4.2		01/23/2025	1858
7440-47-3	Chromium	19		01/23/2025	1858
7440-48-4	Cobalt	15		01/23/2025	1858
7439-92-1	Lead	580		01/23/2025	1858

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

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GCQ49

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51925 MA No. : SDG No.: GCQ38
Matrix: SOIL Lab Sample ID: Q1047-14
% Solids: 92.6 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	14		01/23/2025	1902
7440-39-3	Barium	3100	D	01/24/2025	1622
7440-43-9	Cadmium	3.0		01/23/2025	1902
7440-47-3	Chromium	25		01/23/2025	1902
7440-48-4	Cobalt	15		01/23/2025	1902
7439-92-1	Lead	360		01/23/2025	1902

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

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GCQ50

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51925 MA No. : SDG No.: GCQ38
Matrix: SOIL Lab Sample ID: Q1047-15
% 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	8.3		01/23/2025	1906
7440-39-3	Barium	1600	D	01/24/2025	1626
7440-43-9	Cadmium	20		01/23/2025	1906
7440-47-3	Chromium	14		01/23/2025	1906
7440-48-4	Cobalt	22		01/23/2025	1906
7439-92-1	Lead	1400		01/23/2025	1906

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

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EPA SAMPLE NO.

GCQ51

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51925 MA No. : SDG No.: GCQ38
Matrix: SOIL Lab Sample ID: Q1047-16
% Solids: 92.5 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	8.3		01/23/2025	1910
7440-39-3	Barium	1500		01/23/2025	1910
7440-43-9	Cadmium	2.0		01/23/2025	1910
7440-47-3	Chromium	18		01/23/2025	1910
7440-48-4	Cobalt	12		01/23/2025	1910
7439-92-1	Lead	350		01/23/2025	1910

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

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GCQ52

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51925 MA No. : SDG No.: GCQ38
Matrix: SOIL Lab Sample ID: Q1047-17
% Solids: 93.3 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	11		01/23/2025	1914
7440-39-3	Barium	3100	D	01/24/2025	1630
7440-43-9	Cadmium	4.3		01/23/2025	1914
7440-47-3	Chromium	51		01/23/2025	1914
7440-48-4	Cobalt	15		01/23/2025	1914
7439-92-1	Lead	520		01/23/2025	1914

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

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GCQ53

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51925 MA No. : SDG No.: GCQ38
Matrix: SOIL Lab Sample ID: Q1047-18
% Solids: 92 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	12		01/23/2025	1918
7440-39-3	Barium	3100	D	01/24/2025	1634
7440-43-9	Cadmium	3.4		01/23/2025	1918
7440-47-3	Chromium	24		01/23/2025	1918
7440-48-4	Cobalt	14		01/23/2025	1918
7439-92-1	Lead	520		01/23/2025	1918

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

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EPA SAMPLE NO.

GCQ54

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51925 MA No. : SDG No.: GCQ38
Matrix: SOIL Lab Sample ID: Q1047-19
% Solids: 92.4 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	21		01/23/2025	1922
7440-39-3	Barium	3200	D	01/24/2025	1638
7440-43-9	Cadmium	4.8		01/23/2025	1922
7440-47-3	Chromium	35		01/23/2025	1922
7440-48-4	Cobalt	15		01/23/2025	1922
7439-92-1	Lead	720		01/23/2025	1922

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

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GCQ55

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51925 MA No. : SDG No.: GCQ38
Matrix: SOIL Lab Sample ID: Q1047-20
% Solids: 91.4 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	11		01/23/2025	1934
7440-39-3	Barium	2300	D	01/24/2025	1642
7440-43-9	Cadmium	2.5		01/23/2025	1934
7440-47-3	Chromium	21		01/23/2025	1934
7440-48-4	Cobalt	16		01/23/2025	1934
7439-92-1	Lead	360		01/23/2025	1934

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

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GCQ56

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51925 MA No. : SDG No.: GCQ38
Matrix: SOIL Lab Sample ID: Q1047-21
% Solids: 100 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	160		01/23/2025	1938
7440-39-3	Barium	320		01/23/2025	1938
7440-43-9	Cadmium	110		01/23/2025	1938
7440-47-3	Chromium	250		01/23/2025	1938
7440-48-4	Cobalt	170		01/23/2025	1938
7439-92-1	Lead	150		01/23/2025	1938

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

Comments:
