

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

ME28W7

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51847 MA No. : SDG No.: ME28W7
Matrix: SOIL Lab Sample ID: P5259-01
% Solids: 79.2 Date Received: 12/11/2024
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
7429-90-5	Aluminum	11000		12/29/2024	1709
7440-70-2	Calcium	58000		12/29/2024	1709
7439-89-6	Iron	27000		12/29/2024	1709
7439-95-4	Magnesium	12000		12/29/2024	1709
7440-09-7	Potassium	1400		12/29/2024	1709
7440-23-5	Sodium	560	U	12/29/2024	1709

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

Comments:

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ME28W8

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51847 MA No. : SDG No.: ME28W7
Matrix: SOIL Lab Sample ID: P5259-02
% Solids: 78.4 Date Received: 12/11/2024
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
7429-90-5	Aluminum	9300		12/29/2024	1713
7440-70-2	Calcium	36000		12/29/2024	1713
7439-89-6	Iron	44000		12/29/2024	1713
7439-95-4	Magnesium	9100		12/29/2024	1713
7440-09-7	Potassium	1500		12/29/2024	1713
7440-23-5	Sodium	490	U	12/29/2024	1713

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

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ME28W9

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51847 MA No. : SDG No.: ME28W7
Matrix: SOIL Lab Sample ID: P5259-03
% Solids: 80.7 Date Received: 12/11/2024
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
7429-90-5	Aluminum	8900		12/29/2024	1716
7440-70-2	Calcium	33000		12/29/2024	1716
7439-89-6	Iron	23000		12/29/2024	1716
7439-95-4	Magnesium	15000		12/29/2024	1716
7440-09-7	Potassium	1400		12/29/2024	1716
7440-23-5	Sodium	96	J	12/29/2024	1716

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

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EPA SAMPLE NO.

ME28X0

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51847 MA No. : SDG No.: ME28W7
Matrix: SOIL Lab Sample ID: P5259-04
% Solids: 78.3 Date Received: 12/11/2024
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
7429-90-5	Aluminum	9800		12/29/2024	1720
7440-70-2	Calcium	31000		12/29/2024	1720
7439-89-6	Iron	24000		12/29/2024	1720
7439-95-4	Magnesium	15000		12/29/2024	1720
7440-09-7	Potassium	1400		12/29/2024	1720
7440-23-5	Sodium	110	J	12/29/2024	1720

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

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ME28X1

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51847 MA No. : SDG No.: ME28W7
Matrix: SOIL Lab Sample ID: P5259-07
% Solids: 83.4 Date Received: 12/11/2024
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
7429-90-5	Aluminum	7000		12/29/2024	1735
7440-70-2	Calcium	36000		12/29/2024	1735
7439-89-6	Iron	21000		12/29/2024	1735
7439-95-4	Magnesium	14000		12/29/2024	1735
7440-09-7	Potassium	1100		12/29/2024	1735
7440-23-5	Sodium	99	J	12/29/2024	1735

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

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ME28X2

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51847 MA No. : SDG No.: ME28W7
Matrix: SOIL Lab Sample ID: P5259-08
% Solids: 78.3 Date Received: 12/11/2024
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
7429-90-5	Aluminum	8500		12/29/2024	1739
7440-70-2	Calcium	39000		12/29/2024	1739
7439-89-6	Iron	26000		12/29/2024	1739
7439-95-4	Magnesium	16000		12/29/2024	1739
7440-09-7	Potassium	1300		12/29/2024	1739
7440-23-5	Sodium	120	J	12/29/2024	1739

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

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ME28X3

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51847 MA No. : SDG No.: ME28W7
Matrix: SOIL Lab Sample ID: P5259-09
% Solids: 81.1 Date Received: 12/11/2024
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
7429-90-5	Aluminum	7200		12/29/2024	1743
7440-70-2	Calcium	39000		12/29/2024	1743
7439-89-6	Iron	19000		12/29/2024	1743
7439-95-4	Magnesium	16000		12/29/2024	1743
7440-09-7	Potassium	1100		12/29/2024	1743
7440-23-5	Sodium	95	J	12/29/2024	1743

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

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ME28X4

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51847 MA No. : SDG No.: ME28W7
Matrix: SOIL Lab Sample ID: P5259-10
% Solids: 82 Date Received: 12/11/2024
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
7429-90-5	Aluminum	8900		12/29/2024	1747
7440-70-2	Calcium	36000		12/29/2024	1747
7439-89-6	Iron	24000		12/29/2024	1747
7439-95-4	Magnesium	19000		12/29/2024	1747
7440-09-7	Potassium	1400		12/29/2024	1747
7440-23-5	Sodium	110	J	12/29/2024	1747

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

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EPA SAMPLE NO.

ME28X5

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51847 MA No. : SDG No.: ME28W7
Matrix: SOIL Lab Sample ID: P5259-11
% Solids: 78.8 Date Received: 12/11/2024
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
7429-90-5	Aluminum	8000		12/29/2024	1751
7440-70-2	Calcium	37000		12/29/2024	1751
7439-89-6	Iron	24000		12/29/2024	1751
7439-95-4	Magnesium	17000		12/29/2024	1751
7440-09-7	Potassium	1300		12/29/2024	1751
7440-23-5	Sodium	110	J	12/29/2024	1751

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

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EPA SAMPLE NO.

ME28X6

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51847 MA No. : SDG No.: ME28W7
Matrix: SOIL Lab Sample ID: P5259-12
% Solids: 79.2 Date Received: 12/11/2024
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
7429-90-5	Aluminum	6900		12/29/2024	1754
7440-70-2	Calcium	88000	D	12/30/2024	2108
7439-89-6	Iron	21000		12/29/2024	1754
7439-95-4	Magnesium	12000		12/29/2024	1754
7440-09-7	Potassium	1000		12/29/2024	1754
7440-23-5	Sodium	110	J	12/29/2024	1754

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

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ME28X7

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51847 MA No. : SDG No.: ME28W7
Matrix: SOIL Lab Sample ID: P5259-13
% Solids: 88.4 Date Received: 12/12/2024
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
7429-90-5	Aluminum	6800		12/29/2024	1806
7440-70-2	Calcium	64000		12/29/2024	1806
7439-89-6	Iron	18000		12/29/2024	1806
7439-95-4	Magnesium	9300		12/29/2024	1806
7440-09-7	Potassium	940		12/29/2024	1806
7440-23-5	Sodium	120	J	12/29/2024	1806

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

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ME28X8

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51847 MA No. : SDG No.: ME28W7
Matrix: SOIL Lab Sample ID: P5259-14
% Solids: 87.8 Date Received: 12/12/2024
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
7429-90-5	Aluminum	3900		12/29/2024	1810
7440-70-2	Calcium	120000	D	12/30/2024	2112
7439-89-6	Iron	12000		12/29/2024	1810
7439-95-4	Magnesium	33000		12/29/2024	1810
7440-09-7	Potassium	560		12/29/2024	1810
7440-23-5	Sodium	140	J	12/29/2024	1810

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

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ME28X9

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51847 MA No. : SDG No.: ME28W7
Matrix: SOIL Lab Sample ID: P5259-15
% Solids: 77 Date Received: 12/12/2024
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
7429-90-5	Aluminum	9100		12/29/2024	1814
7440-70-2	Calcium	35000		12/29/2024	1814
7439-89-6	Iron	23000		12/29/2024	1814
7439-95-4	Magnesium	17000		12/29/2024	1814
7440-09-7	Potassium	1400		12/29/2024	1814
7440-23-5	Sodium	110	J	12/29/2024	1814

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

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ME28Y0

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51847 MA No. : SDG No.: ME28W7
Matrix: SOIL Lab Sample ID: P5259-16
% Solids: 79.3 Date Received: 12/12/2024
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
7429-90-5	Aluminum	8000		12/29/2024	1818
7440-70-2	Calcium	35000		12/29/2024	1818
7439-89-6	Iron	23000		12/29/2024	1818
7439-95-4	Magnesium	14000		12/29/2024	1818
7440-09-7	Potassium	1100		12/29/2024	1818
7440-23-5	Sodium	530	U	12/29/2024	1818

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

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ME28Y1

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51847 MA No. : SDG No.: ME28W7
Matrix: SOIL Lab Sample ID: P5259-17
% Solids: 78.2 Date Received: 12/12/2024
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
7429-90-5	Aluminum	9800		12/29/2024	1821
7440-70-2	Calcium	48000		12/29/2024	1821
7439-89-6	Iron	24000		12/29/2024	1821
7439-95-4	Magnesium	21000		12/29/2024	1821
7440-09-7	Potassium	1400		12/29/2024	1821
7440-23-5	Sodium	130	J	12/29/2024	1821

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

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ME28Y2

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51847 MA No. : SDG No.: ME28W7
Matrix: SOIL Lab Sample ID: P5259-18
% Solids: 79.4 Date Received: 12/12/2024
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
7429-90-5	Aluminum	8600		12/29/2024	1825
7440-70-2	Calcium	47000		12/29/2024	1825
7439-89-6	Iron	23000		12/29/2024	1825
7439-95-4	Magnesium	19000		12/29/2024	1825
7440-09-7	Potassium	1300		12/29/2024	1825
7440-23-5	Sodium	110	J	12/29/2024	1825

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

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ME28Y3

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51847 MA No. : SDG No.: ME28W7
Matrix: SOIL Lab Sample ID: P5259-19
% Solids: 83 Date Received: 12/12/2024
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
7429-90-5	Aluminum	7700		12/29/2024	1829
7440-70-2	Calcium	34000		12/29/2024	1829
7439-89-6	Iron	23000		12/29/2024	1829
7439-95-4	Magnesium	16000		12/29/2024	1829
7440-09-7	Potassium	1100		12/29/2024	1829
7440-23-5	Sodium	92	J	12/29/2024	1829

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

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ME28Y4

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51847 MA No. : SDG No.: ME28W7
Matrix: SOIL Lab Sample ID: P5259-20
% Solids: 81.9 Date Received: 12/12/2024
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
7429-90-5	Aluminum	6900		12/29/2024	1833
7440-70-2	Calcium	90000	D	12/30/2024	2116
7439-89-6	Iron	19000		12/29/2024	1833
7439-95-4	Magnesium	17000		12/29/2024	1833
7440-09-7	Potassium	1100		12/29/2024	1833
7440-23-5	Sodium	120	J	12/29/2024	1833

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

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ME28Y5

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51847 MA No. : SDG No.: ME28W7
Matrix: SOIL Lab Sample ID: P5259-21
% Solids: 84.8 Date Received: 12/12/2024
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
7429-90-5	Aluminum	6500		12/29/2024	1837
7440-70-2	Calcium	77000	D	12/30/2024	2127
7439-89-6	Iron	19000		12/29/2024	1837
7439-95-4	Magnesium	13000		12/29/2024	1837
7440-09-7	Potassium	1000		12/29/2024	1837
7440-23-5	Sodium	150	J	12/29/2024	1837

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

Comments:
