

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

ME2904

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51847 MA No. : SDG No.: ME2904
Matrix: SOIL Lab Sample ID: P5335-01
% Solids: 85.8 Date Received: 12/18/2024
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	1800		12/28/2024	0117
7440-70-2	Calcium	47000		12/28/2024	0117
7439-89-6	Iron	7900		12/28/2024	0117
7439-95-4	Magnesium	9400		12/28/2024	0117
7440-09-7	Potassium	250	J	12/28/2024	0117
7440-23-5	Sodium	400	U	12/28/2024	0117

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

Comments:

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ME2905

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51847 MA No. : SDG No.: ME2904
Matrix: SOIL Lab Sample ID: P5335-02
% Solids: 84.7 Date Received: 12/18/2024
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	2100		12/28/2024	0121
7440-70-2	Calcium	45000		12/28/2024	0121
7439-89-6	Iron	8200		12/28/2024	0121
7439-95-4	Magnesium	10000		12/28/2024	0121
7440-09-7	Potassium	330	J	12/28/2024	0121
7440-23-5	Sodium	480	U	12/28/2024	0121

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

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ME2906

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51847 MA No. : SDG No.: ME2904
Matrix: SOIL Lab Sample ID: P5335-03
% Solids: 74.7 Date Received: 12/18/2024
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	5400		12/28/2024	0125
7440-70-2	Calcium	56000		12/28/2024	0125
7439-89-6	Iron	140000	D	01/04/2025	0310
7439-95-4	Magnesium	10000		12/28/2024	0125
7440-09-7	Potassium	780		12/28/2024	0125
7440-23-5	Sodium	290	J	12/28/2024	0125

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

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ME2907

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51847 MA No. : SDG No.: ME2904
Matrix: SOIL Lab Sample ID: P5335-04
% Solids: 77 Date Received: 12/18/2024
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		12/28/2024	0128
7440-70-2	Calcium	35000		12/28/2024	0128
7439-89-6	Iron	38000		12/28/2024	0128
7439-95-4	Magnesium	16000		12/28/2024	0128
7440-09-7	Potassium	1400		12/28/2024	0128
7440-23-5	Sodium	540	U	12/28/2024	0128

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

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ME2908

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51847 MA No. : SDG No.: ME2904
Matrix: SOIL Lab Sample ID: P5335-05
% Solids: 80.4 Date Received: 12/18/2024
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	7500		12/28/2024	0132
7440-70-2	Calcium	27000		12/28/2024	0132
7439-89-6	Iron	58000		12/28/2024	0132
7439-95-4	Magnesium	11000		12/28/2024	0132
7440-09-7	Potassium	960		12/28/2024	0132
7440-23-5	Sodium	560	U	12/28/2024	0132

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

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ME2909

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51847 MA No. : SDG No.: ME2904
Matrix: SOIL Lab Sample ID: P5335-06
% Solids: 70.1 Date Received: 12/18/2024
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	8100		12/28/2024	0136
7440-70-2	Calcium	27000		12/28/2024	0136
7439-89-6	Iron	33000		12/28/2024	0136
7439-95-4	Magnesium	12000		12/28/2024	0136
7440-09-7	Potassium	1200		12/28/2024	0136
7440-23-5	Sodium	550	U	12/28/2024	0136

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

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EPA SAMPLE NO.

ME2910

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51847 MA No. : SDG No.: ME2904
Matrix: SOIL Lab Sample ID: P5335-07
% Solids: 87.1 Date Received: 12/18/2024
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	4600		12/28/2024	0140
7440-70-2	Calcium	50000		12/28/2024	0140
7439-89-6	Iron	15000		12/28/2024	0140
7439-95-4	Magnesium	16000		12/28/2024	0140
7440-09-7	Potassium	1000		12/28/2024	0140
7440-23-5	Sodium	530	U	12/28/2024	0140

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

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ME2911

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51847 MA No. : SDG No.: ME2904
Matrix: SOIL Lab Sample ID: P5335-08
% Solids: 80 Date Received: 12/18/2024
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	7500		12/28/2024	0151
7440-70-2	Calcium	36000		12/28/2024	0151
7439-89-6	Iron	49000		12/28/2024	0151
7439-95-4	Magnesium	14000		12/28/2024	0151
7440-09-7	Potassium	1200		12/28/2024	0151
7440-23-5	Sodium	510	U	12/28/2024	0151

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

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ME2912

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51847 MA No. : SDG No.: ME2904
Matrix: SOIL Lab Sample ID: P5335-09
% Solids: 76.2 Date Received: 12/18/2024
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	5300		12/28/2024	0155
7440-70-2	Calcium	31000		12/28/2024	0155
7439-89-6	Iron	130000	D	01/04/2025	0314
7439-95-4	Magnesium	10000		12/28/2024	0155
7440-09-7	Potassium	880		12/28/2024	0155
7440-23-5	Sodium	180	J	12/28/2024	0155

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

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ME2913

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51847 MA No. : SDG No.: ME2904
Matrix: SOIL Lab Sample ID: P5335-10
% Solids: 80.9 Date Received: 12/19/2024
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	5300		12/28/2024	0159
7440-70-2	Calcium	25000		12/28/2024	0159
7439-89-6	Iron	73000		12/28/2024	0159
7439-95-4	Magnesium	5800		12/28/2024	0159
7440-09-7	Potassium	560		12/28/2024	0159
7440-23-5	Sodium	130	J	12/28/2024	0159

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

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ME2914

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51847 MA No. : SDG No.: ME2904
Matrix: SOIL Lab Sample ID: P5335-11
% Solids: 77.8 Date Received: 12/19/2024
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	5800		12/28/2024	0203
7440-70-2	Calcium	57000		12/28/2024	0203
7439-89-6	Iron	110000	D	01/04/2025	0317
7439-95-4	Magnesium	13000		12/28/2024	0203
7440-09-7	Potassium	840		12/28/2024	0203
7440-23-5	Sodium	200	J	12/28/2024	0203

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

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ME2915

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51847 MA No. : SDG No.: ME2904
Matrix: SOIL Lab Sample ID: P5335-12
% Solids: 75.4 Date Received: 12/19/2024
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	5300		12/28/2024	0206
7440-70-2	Calcium	46000		12/28/2024	0206
7439-89-6	Iron	130000	D	01/04/2025	0321
7439-95-4	Magnesium	17000		12/28/2024	0206
7440-09-7	Potassium	620		12/28/2024	0206
7440-23-5	Sodium	230	J	12/28/2024	0206

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

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ME2916

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51847 MA No. : SDG No.: ME2904
Matrix: SOIL Lab Sample ID: P5335-13
% Solids: 84.6 Date Received: 12/19/2024
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	6100		12/28/2024	0210
7440-70-2	Calcium	58000		12/28/2024	0210
7439-89-6	Iron	67000		12/28/2024	0210
7439-95-4	Magnesium	17000		12/28/2024	0210
7440-09-7	Potassium	930		12/28/2024	0210
7440-23-5	Sodium	140	J	12/28/2024	0210

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

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ME2917

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51847 MA No. : SDG No.: ME2904
Matrix: SOIL Lab Sample ID: P5335-14
% Solids: 76.8 Date Received: 12/19/2024
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		12/28/2024	0214
7440-70-2	Calcium	46000		12/28/2024	0214
7439-89-6	Iron	48000	D	01/04/2025	0325
7439-95-4	Magnesium	14000		12/28/2024	0214
7440-09-7	Potassium	980		12/28/2024	0214
7440-23-5	Sodium	150	J	12/28/2024	0214

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

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ME2918

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51847 MA No. : SDG No.: ME2904
Matrix: SOIL Lab Sample ID: P5335-15
% Solids: 76.1 Date Received: 12/19/2024
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	6300		12/28/2024	0218
7440-70-2	Calcium	50000		12/28/2024	0218
7439-89-6	Iron	60000	D	01/04/2025	0329
7439-95-4	Magnesium	13000		12/28/2024	0218
7440-09-7	Potassium	920		12/28/2024	0218
7440-23-5	Sodium	150	J	12/28/2024	0218

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

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ME2919

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51847 MA No. : SDG No.: ME2904
Matrix: SOIL Lab Sample ID: P5335-16
% Solids: 77.8 Date Received: 12/19/2024
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	6700		12/28/2024	0221
7440-70-2	Calcium	65000		12/28/2024	0221
7439-89-6	Iron	79000	D	01/04/2025	0333
7439-95-4	Magnesium	24000		12/28/2024	0221
7440-09-7	Potassium	1400		12/28/2024	0221
7440-23-5	Sodium	190	J	12/28/2024	0221

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

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ME2920

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51847 MA No. : SDG No.: ME2904
Matrix: SOIL Lab Sample ID: P5335-17
% Solids: 74.6 Date Received: 12/19/2024
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	8400		12/28/2024	0225
7440-70-2	Calcium	57000		12/28/2024	0225
7439-89-6	Iron	150000	D	01/04/2025	0336
7439-95-4	Magnesium	13000		12/28/2024	0225
7440-09-7	Potassium	1100		12/28/2024	0225
7440-23-5	Sodium	220	J	12/28/2024	0225

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

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EPA SAMPLE NO.

ME2921

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51847 MA No. : SDG No.: ME2904
Matrix: SOIL Lab Sample ID: P5335-18
% Solids: 79 Date Received: 12/19/2024
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	10000		12/28/2024	0229
7440-70-2	Calcium	55000		12/28/2024	0229
7439-89-6	Iron	24000		12/28/2024	0229
7439-95-4	Magnesium	14000		12/28/2024	0229
7440-09-7	Potassium	1700		12/28/2024	0229
7440-23-5	Sodium	110	J	12/28/2024	0229

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

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ME2923

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51847 MA No. : SDG No.: ME2904
Matrix: SOIL Lab Sample ID: P5335-19
% Solids: 81.5 Date Received: 12/19/2024
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	10000		12/27/2024	1721
7440-70-2	Calcium	40000		12/27/2024	1721
7439-89-6	Iron	25000		12/27/2024	1721
7439-95-4	Magnesium	17000		12/27/2024	1721
7440-09-7	Potassium	1700		12/27/2024	1721
7440-23-5	Sodium	100	J	12/27/2024	1721

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

Comments:
