

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MH2D26

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51811 MA No. : SDG No.: MH2D26
Matrix: SOIL Lab Sample ID: P5388-01
% Solids: 82.2 Date Received: 12/27/2024
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	4900		01/12/2025	1104
7440-70-2	Calcium	1500		01/12/2025	1104
7439-89-6	Iron	18000		01/12/2025	1104
7439-95-4	Magnesium	2600		01/12/2025	1104
7440-09-7	Potassium	640		01/12/2025	1104
7440-23-5	Sodium	440	U	01/12/2025	1104

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

Comments:

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MH2D29

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51811 MA No. : SDG No.: MH2D26
Matrix: SOIL Lab Sample ID: P5388-02
% Solids: 85.9 Date Received: 12/27/2024
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	1700		01/12/2025	1108
7440-70-2	Calcium	5900		01/12/2025	1108
7439-89-6	Iron	51000		01/12/2025	1108
7439-95-4	Magnesium	400	J	01/12/2025	1108
7440-09-7	Potassium	550		01/12/2025	1108
7440-23-5	Sodium	89	J	01/12/2025	1108

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

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MH2D32

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51811 MA No. : SDG No.: MH2D26
Matrix: SOIL Lab Sample ID: P5388-03
% Solids: 88.8 Date Received: 12/27/2024
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	3600		01/12/2025	1113
7440-70-2	Calcium	1100		01/12/2025	1113
7439-89-6	Iron	34000		01/12/2025	1113
7439-95-4	Magnesium	2100		01/12/2025	1113
7440-09-7	Potassium	1000		01/12/2025	1113
7440-23-5	Sodium	110	J	01/12/2025	1113

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

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EPA SAMPLE NO.

MH2D35

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51811 MA No. : SDG No.: MH2D26
Matrix: SOIL Lab Sample ID: P5388-04
% Solids: 82.6 Date Received: 12/27/2024
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	4800		01/12/2025	1117
7440-70-2	Calcium	1900		01/12/2025	1117
7439-89-6	Iron	32000		01/12/2025	1117
7439-95-4	Magnesium	2400		01/12/2025	1117
7440-09-7	Potassium	600		01/12/2025	1117
7440-23-5	Sodium	76	J	01/12/2025	1117

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

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MH2D38

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51811 MA No. : SDG No.: MH2D26
Matrix: SOIL Lab Sample ID: P5388-05
% Solids: 82.3 Date Received: 12/27/2024
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	2200		01/12/2025	1121
7440-70-2	Calcium	84000		01/12/2025	1121
7439-89-6	Iron	20000		01/12/2025	1121
7439-95-4	Magnesium	990		01/12/2025	1121
7440-09-7	Potassium	700		01/12/2025	1121
7440-23-5	Sodium	89	J	01/12/2025	1121

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

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MH2D41

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51811 MA No. : SDG No.: MH2D26
Matrix: SOIL Lab Sample ID: P5388-06
% Solids: 73.5 Date Received: 12/27/2024
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	2800		01/12/2025	1125
7440-70-2	Calcium	1500		01/12/2025	1125
7439-89-6	Iron	20000		01/12/2025	1125
7439-95-4	Magnesium	1300		01/12/2025	1125
7440-09-7	Potassium	400	J	01/12/2025	1125
7440-23-5	Sodium	490	U	01/12/2025	1125

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

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MH2D44

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51811 MA No. : SDG No.: MH2D26
Matrix: SOIL Lab Sample ID: P5388-07
% Solids: 84.3 Date Received: 12/27/2024
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	620		01/12/2025	1129
7440-70-2	Calcium	260	J	01/12/2025	1129
7439-89-6	Iron	46000		01/12/2025	1129
7439-95-4	Magnesium	120	J	01/12/2025	1129
7440-09-7	Potassium	1200		01/12/2025	1129
7440-23-5	Sodium	58	J	01/12/2025	1129

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

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MH2D47

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51811 MA No. : SDG No.: MH2D26
Matrix: SOIL Lab Sample ID: P5388-08
% Solids: 88.3 Date Received: 12/27/2024
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	1000		01/12/2025	1133
7440-70-2	Calcium	440		01/12/2025	1133
7439-89-6	Iron	56000		01/12/2025	1133
7439-95-4	Magnesium	340	J	01/12/2025	1133
7440-09-7	Potassium	1200		01/12/2025	1133
7440-23-5	Sodium	90	J	01/12/2025	1133

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

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MH2D50

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51811 MA No. : SDG No.: MH2D26
Matrix: SOIL Lab Sample ID: P5388-09
% Solids: 90 Date Received: 12/27/2024
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	3600		01/12/2025	1138
7440-70-2	Calcium	1600		01/12/2025	1138
7439-89-6	Iron	53000		01/12/2025	1138
7439-95-4	Magnesium	1900		01/12/2025	1138
7440-09-7	Potassium	690		01/12/2025	1138
7440-23-5	Sodium	110	J	01/12/2025	1138

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

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MH2D53

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51811 MA No. : SDG No.: MH2D26
Matrix: SOIL Lab Sample ID: P5388-10
% Solids: 93 Date Received: 12/27/2024
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	6200		01/12/2025	1142
7440-70-2	Calcium	1800		01/12/2025	1142
7439-89-6	Iron	32000		01/12/2025	1142
7439-95-4	Magnesium	3800		01/12/2025	1142
7440-09-7	Potassium	970		01/12/2025	1142
7440-23-5	Sodium	110	J	01/12/2025	1142

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

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MH2D56

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51811 MA No. : SDG No.: MH2D26
Matrix: SOIL Lab Sample ID: P5388-11
% Solids: 73.8 Date Received: 12/27/2024
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	2300		01/12/2025	1146
7440-70-2	Calcium	1200		01/12/2025	1146
7439-89-6	Iron	96000	D	01/15/2025	1439
7439-95-4	Magnesium	530		01/12/2025	1146
7440-09-7	Potassium	1200		01/12/2025	1146
7440-23-5	Sodium	160	J	01/12/2025	1146

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

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MH2D59

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51811 MA No. : SDG No.: MH2D26
Matrix: SOIL Lab Sample ID: P5388-12
% Solids: 85.6 Date Received: 12/27/2024
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	4100		01/12/2025	1150
7440-70-2	Calcium	1300		01/12/2025	1150
7439-89-6	Iron	22000		01/12/2025	1150
7439-95-4	Magnesium	2300		01/12/2025	1150
7440-09-7	Potassium	600		01/12/2025	1150
7440-23-5	Sodium	430	U	01/12/2025	1150

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

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MH2D62

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51811 MA No. : SDG No.: MH2D26
Matrix: SOIL Lab Sample ID: P5388-13
% Solids: 92.3 Date Received: 12/27/2024
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	2900		01/12/2025	1154
7440-70-2	Calcium	1200		01/12/2025	1154
7439-89-6	Iron	15000		01/12/2025	1154
7439-95-4	Magnesium	1800		01/12/2025	1154
7440-09-7	Potassium	450		01/12/2025	1154
7440-23-5	Sodium	430	U	01/12/2025	1154

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

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MH2D65

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51811 MA No. : SDG No.: MH2D26
Matrix: SOIL Lab Sample ID: P5388-14
% Solids: 89.3 Date Received: 12/27/2024
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	3800		01/12/2025	1158
7440-70-2	Calcium	7200		01/12/2025	1158
7439-89-6	Iron	21000		01/12/2025	1158
7439-95-4	Magnesium	1900		01/12/2025	1158
7440-09-7	Potassium	810		01/12/2025	1158
7440-23-5	Sodium	450	U	01/12/2025	1158

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

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MH2D68

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51811 MA No. : SDG No.: MH2D26
Matrix: SOIL Lab Sample ID: P5388-15
% Solids: 62.4 Date Received: 12/27/2024
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	8300		01/12/2025	1202
7440-70-2	Calcium	13000		01/12/2025	1202
7439-89-6	Iron	41000		01/12/2025	1202
7439-95-4	Magnesium	6300		01/12/2025	1202
7440-09-7	Potassium	770		01/12/2025	1202
7440-23-5	Sodium	610	U	01/12/2025	1202

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

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MH2D71

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51811 MA No. : SDG No.: MH2D26
Matrix: SOIL Lab Sample ID: P5388-16
% Solids: 89.7 Date Received: 12/27/2024
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	2900		01/12/2025	1207
7440-70-2	Calcium	7100		01/12/2025	1207
7439-89-6	Iron	37000		01/12/2025	1207
7439-95-4	Magnesium	1400		01/12/2025	1207
7440-09-7	Potassium	630		01/12/2025	1207
7440-23-5	Sodium	410	U	01/12/2025	1207

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

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MH2D74

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51811 MA No. : SDG No.: MH2D26
Matrix: SOIL Lab Sample ID: P5388-17
% Solids: 89.9 Date Received: 12/27/2024
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	1900		01/12/2025	1211
7440-70-2	Calcium	7700		01/12/2025	1211
7439-89-6	Iron	33000		01/12/2025	1211
7439-95-4	Magnesium	950		01/12/2025	1211
7440-09-7	Potassium	650		01/12/2025	1211
7440-23-5	Sodium	65	J	01/12/2025	1211

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

Comments:
