

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

ME29F6

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51759 MA No. : SDG No.: ME29F6
Matrix: SOIL Lab Sample ID: P4977-01
% Solids: 90 Date Received: 11/23/2024
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	1700		12/10/2024	2010
7440-70-2	Calcium	110000	D	12/13/2024	1532
7439-89-6	Iron	6000		12/10/2024	2010
7439-95-4	Magnesium	24000		12/10/2024	2010
7440-09-7	Potassium	83	J	12/10/2024	2010
7440-23-5	Sodium	470	U	12/10/2024	2010

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

Comments:

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ME29F7

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51759 MA No. : SDG No.: ME29F6
Matrix: SOIL Lab Sample ID: P4977-02
% Solids: 89.7 Date Received: 11/23/2024
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	1700		12/10/2024	2014
7440-70-2	Calcium	92000	D	12/13/2024	1536
7439-89-6	Iron	7700		12/10/2024	2014
7439-95-4	Magnesium	21000		12/10/2024	2014
7440-09-7	Potassium	160	J	12/10/2024	2014
7440-23-5	Sodium	92	J	12/10/2024	2014

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

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ME29F8

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51759 MA No. : SDG No.: ME29F6
Matrix: SOIL Lab Sample ID: P4977-03
% Solids: 84.8 Date Received: 11/23/2024
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	1500		12/10/2024	1920
7440-70-2	Calcium	140000	D	12/13/2024	1540
7439-89-6	Iron	4500		12/10/2024	1920
7439-95-4	Magnesium	21000		12/10/2024	1920
7440-09-7	Potassium	79	J	12/10/2024	1920
7440-23-5	Sodium	540	U	12/10/2024	1920

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

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ME29F9

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51759 MA No. : SDG No.: ME29F6
Matrix: SOIL Lab Sample ID: P4977-06
% Solids: 89.4 Date Received: 11/23/2024
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	1300		12/10/2024	2018
7440-70-2	Calcium	100000	D	12/13/2024	1556
7439-89-6	Iron	5700		12/10/2024	2018
7439-95-4	Magnesium	34000		12/10/2024	2018
7440-09-7	Potassium	470	U	12/10/2024	2018
7440-23-5	Sodium	110	J	12/10/2024	2018

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

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ME29G0

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51759 MA No. : SDG No.: ME29F6
Matrix: SOIL Lab Sample ID: P4977-07
% Solids: 87.4 Date Received: 11/23/2024
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	1200		12/10/2024	2021
7440-70-2	Calcium	120000	D	12/13/2024	1559
7439-89-6	Iron	5500		12/10/2024	2021
7439-95-4	Magnesium	32000		12/10/2024	2021
7440-09-7	Potassium	58	J	12/10/2024	2021
7440-23-5	Sodium	430	U	12/10/2024	2021

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

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ME29G1

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51759 MA No. : SDG No.: ME29F6
Matrix: SOIL Lab Sample ID: P4977-08
% Solids: 87.5 Date Received: 11/23/2024
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	1200		12/10/2024	2025
7440-70-2	Calcium	79000	D	12/13/2024	1603
7439-89-6	Iron	3800		12/10/2024	2025
7439-95-4	Magnesium	18000		12/10/2024	2025
7440-09-7	Potassium	500	U	12/10/2024	2025
7440-23-5	Sodium	500	U	12/10/2024	2025

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

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ME29G2

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51759 MA No. : SDG No.: ME29F6
Matrix: SOIL Lab Sample ID: P4977-09
% Solids: 88 Date Received: 11/23/2024
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	1200		12/10/2024	2029
7440-70-2	Calcium	130000	D	12/13/2024	1607
7439-89-6	Iron	3700		12/10/2024	2029
7439-95-4	Magnesium	28000		12/10/2024	2029
7440-09-7	Potassium	450	U	12/10/2024	2029
7440-23-5	Sodium	450	U	12/10/2024	2029

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

Comments:
