

Report Number
F17045-6007
Account Number
88582



a&lgreatlakes
LABORATORIES
Scientists who don't mind getting dirty.™

To: EARTH FARMS LLC
PO BOX 184
131 MARIPOSA RD
STANLEY, NC 28164-0184

For: FOOD WASTE/WOOD CHIPS

STA

COPY: A RAT

Attn: JIM LANIER

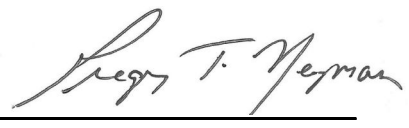
Sample ID: EF
Lab Number: 90587

Date Received
Date Reported

COMPOST ANALYSIS

Analysis	Unit	Analysis Result	Dry Basis Result
Moisture @ 70 C	%	52.84	
Solids	%	47.16	
Total Nitrogen (N)	%	0.52	1.10
Phosphorus (P)	%	0.08	0.17
Phosphate (P ₂ O ₅)	%	0.18	0.39
Potassium (K)	%	0.46	0.97
Potash (K ₂ O)	%	0.55	1.16
Magnesium (Mg)	%	0.23	0.48
Calcium (Ca)	%	1.04	2.21
Arsenic	mg/kg	0.63	1.33
Cadmium	mg/kg	<0.231	< 0.490
Chromium	mg/kg	13.6	28.8
Copper	mg/kg	14.5	30.7
Mercury	mg/kg	<0.273	< 0.579
Molybdenum	mg/kg	0.90	1.91

TMECC - Test Methods for the Examination of Composting and Compost (TMECC), The U.S. Composting Council.

Report Approved By: 
Greg Neyman - Vice President / COO

Approval Date: 3/02/2017

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Analysis	Unit	Analysis Result	Dry Basis Result
Nickel	mg/kg	2.83	6.01
Lead	mg/kg	4.36	9.25
Selenium	mg/kg	<0.54	< 1.14
Zinc	mg/kg	41.5	87.9
503 Metals PASS/FAIL	pass/fail		PASS
pH	-	8.0	
Soluble Salts	dS/m	1.51	
Fecal Coliform/MPN	MPN/g dry		< 2
Pathogen Reduction - PASS/FAIL	pass/fail		PASS
Ash @ 550 C	%	25.40	53.86
Organic Matter (LOI @ 550 C)	%	21.76	46.14
Total Organic Carbon (C)	%	10.88	23.07
Carbon:Nitrogen Ratio (C:N)	-	21.0:1	21.0:1
Foreign Material	%		0.00
Germination - Emergence	%	100	

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Analysis	Unit	Analysis Result	Dry Basis Result
Germination - Vigor	%	100	
Ave Ht of Seedlings in Control	centimeters	7.8	
Ave Ht of Seedlings in Compost	centimeters	10.3	
Respiration - CO2-C/g TS	mg CO2-C / g TS/Day		2
Respiration - CO2-C/g OM	mg CO2-C / g OM/Day		1
Compost Stability Index	-		Very Stable
Retained on U.S. 2-inch Sieve	%		0.00
Retained on U.S. 1-inch Sieve	%		0.00
Retained on U.S. 5/8-inch Sieve	%		0.00
Retained on U.S. 3/8-inch Sieve	%		0.20
Retained on U.S. 1/4-inch Sieve	%		0.02
Retained on U.S. 5/32-inch	%		4.84

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