



Black Bear Composting

Eric Walter
PO Box 566
Crozet VA 22932
434-989-5219

Product Name: **BBC032019**

Sample Date: **3/20/19 7:00 AM**

Receive Date: **3/22/19 10:00 AM**

A & L Lab Number: **15254**

A & L Report Number: **F19081-6525**

COMPOST TECHNICAL DATA SHEET

A & L Great Lakes Laboratories, Inc. 3505 Conestoga Drive Fort Wayne IN 46808

<i>Compost Parameters</i>	<i>Method</i>	<i>Reported as (units of measure)</i>	<i>Test Results</i>	<i>Test Results</i>
Plant Nutrients:		%, weight basis	%, wet weight basis	%, dry weight basis
Nitrogen	TMECC 04.02-D	Total N	1.29	2.03
Phosphorus	TMECC 04.03-A	P ₂ O ₅	2.08	3.27
Potassium	TMECC 04.04-A	K ₂ O	0.40	0.62
Calcium	TMECC 04.05-CA	Ca	3.28	5.17
Magnesium	TMECC 04.05-MG	Mg	0.26	0.41
Moisture Content	TMECC 03.09-A	%, wet weight basis	36.64	
Organic Matter Content	TMECC 05.07-A	%, dry weight basis	44.48	
pH	TMECC 04.11-A	pH units	8.0	
Soluble Salts <i>(electrical conductivity EC₅)</i>	TMECC 04.10-A	dS/m (mmhos/cm)	2.67	
Particle Size	TMECC 02.02-B	% < 9.5 mm (3/8 in.), dw basis	98.06	
Stability Indicator (<i>respirometry</i>)			Stability Rating:	
CO ₂ Evolution	TMECC 05.08-B	mg CO ₂ -C/g OM/day	0.9	Very Stable
		mg CO ₂ -C/g TS/day	0.8	
Maturity Indicator (bioassay)				
Percent Emergence	TMECC 05.05-A	average % of control	100	
Relative Seedling Vigor	TMECC 05.05-A	average % of control	100	
Select Pathogens	TMECC 07.01-B	PASS/FAIL: per US EPA Class A standard, 40 CFR § 503.32(a)	N/A	<i>FecalColiform</i>
Trace Metals	TMECC 04.06	PASS/FAIL: per US EPA Class A standard, 40 CFR § 503.13, Tables 1 and 3.	N/A	<i>As, Cd, Pb, Hg,</i>
				<i>Mo, Ni, Se, Zn</i>

Participants in the US Composting Council's Seal of Testing Assurance Program have shown the commitment to test their compost products on a prescribed basis and provide this data, along with compost end use instructions, as a means to better serve the needs of their compost customers.



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Select Pathogens	TMECC 07.01-B	PASS/FAIL: per US EPA Class A standard, 40 CFR § 503.32(a)	N/A	<i>FecalColiform</i>
Trace Metals	TMECC 04.06	PASS/FAIL: per US EPA Class A standard, 40 CFR § 503.13,	N/A	<i>As, Cd, Pb, Hg,</i>
				<i>Mo, Ni, Se, Zn</i>

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