



**US COMPOSTING
COUNCIL**

*Seal of Testing
Assurance*

Loudoun Composting LLC

Tim Hutchinson
44150 Wade Dr
Chantilly VA 20152-1347
703-327-8428

Product Name: **6B-I**

Sample Date: **2/23/09 10:30 AM**

A & L Lab Number: **44533**

A & L Report Number: **F09055-6005**

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	0.71	1.64
Phosphorus	TMECC 04.03-A	P ₂ O ₅	0.18	0.41
Potassium	TMECC 04.04-A	K ₂ O	0.27	0.64
Calcium	TMECC 04.05-CA	Ca	0.97	2.26
Magnesium	TMECC 04.05-MG	Mg	0.20	0.47
Moisture Content	TMECC 03.09-A	%, wet weight basis	56.92	
Organic Matter Content	TMECC 05.07-A	%, dry weight basis	49.08	
pH	TMECC 04.11-A	pH units	7.7	
Soluble Salts <i>(electrical conductivity EC₅)</i>	TMECC 04.10-A	dS/m (mmhos/cm)	0.66	
Particle Size	TMECC 02.02-B	% < 9.5 mm (3/8 in.), dw basis	93.14	
Stability Indicator <i>(respirometry)</i>			Stability Rating:	
CO ₂ Evolution		mg CO ₂ -C/g OM/day	1	Very Stable
		mg CO ₂ -C/g TS/day	1	
Maturity Indicator (bioassay)				
Percent Emergence	TMECC 05.05-A	average % of control	92	
Relative Seedling Vigor	TMECC 05.05-A	average % of control	72	
Select Pathogens	TMECC 07.01-B	PASS/FAIL: per US EPA Class A standard, 40 CFR § 503.32(a)	PASS	<i>Fecal Coliform</i>
Trace Metals	TMECC 04.06	PASS/FAIL: per US EPA Class A standard, 40 CFR § 503.13, Tables 1 and 3.	PASS	<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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Plant Nutrients:		%, weight basis	Not Reported	
Moisture Content	TMECC 03.09-A	%, wet weight basis	56.92	
Organic Matter Content	TMECC 05.07-A	%, dry weight basis	49.08	
pH	TMECC 04.11-A	pH units	7.7	
Soluble Salts <i>(electrical conductivity EC_s)</i>	TMECC 04.10-A	dS/m (mmhos/cm)	0.66	
Particle Size	TMECC 02.02-B	% < 9.5 mm (3/8 in.), dw basis	93.14	
<i>Stability Indicator (respirometry)</i>			<i>Stability Rating:</i>	
CO ₂ Evolution		mg CO ₂ -C/g OM/day	1	Very Stable
		mg CO ₂ -C/g TS/day	1	
<i>Maturity Indicator (bioassay)</i>				
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Select Pathogens	TMECC 07.01-B	PASS/FAIL: per US EPA Class A standard, 40 CFR § 503.32(a)	PASS	<i>Fecal Coliform</i>
Trace Metals	TMECC 04.06	PASS/FAIL: per US EPA Class A standard, 40 CFR § 503.13,	PASS	<i>As, Cd, Pb, Hg,</i>
				<i>Mo, Ni, Se, Zn</i>

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