



**Loudoun Composting LLC**

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

Product Name: **F827**

Sample Date: **8/27/15 12:30 PM**

Receive Date: **8/28/15**

A & L Lab Number: **80717**

A & L Report Number: **F15240-6014**

**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	0.87	1.88
Phosphorus	TMECC 04.03-A	P <sub>2</sub> O <sub>5</sub>	0.22	0.48
Potassium	TMECC 04.04-A	K <sub>2</sub> O	0.64	1.38
Calcium	TMECC 04.05-CA	Ca	1.11	2.40
Magnesium	TMECC 04.05-MG	Mg	0.25	0.54
Moisture Content	TMECC 03.09-A	%, wet weight basis	53.88	
Organic Matter Content	TMECC 05.07-A	%, dry weight basis	58.98	
pH	TMECC 04.11-A	pH units	7.8	
Soluble Salts <i>(electrical conductivity EC<sub>5</sub>)</i>	TMECC 04.10-A	dS/m (mmhos/cm)	2.38	
Particle Size	TMECC 02.02-B	% < 9.5 mm (3/8 in.), dw basis	99.47	
Stability Indicator <i>(respirometry)</i>			Stability Rating:	
CO <sub>2</sub> Evolution	TMECC 05.08-B	mg CO <sub>2</sub> -C/g OM/day	1	Very Stable
		mg CO <sub>2</sub> -C/g TS/day	2	
Maturity Indicator (bioassay)				
Percent Emergence	TMECC 05.05-A	average % of control	93	
Relative Seedling Vigor	TMECC 05.05-A	average % of control	53	
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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Compost Parameters	Method	Reported as (units of measure)	Test Results	
Plant Nutrients:		% weight basis	Not Reported	
Moisture Content	TMECC 03.09-A	% wet weight basis	53.88	
Organic Matter Content	TMECC 05.07-A	% dry weight basis	58.98	
pH	TMECC 04.11-A	pH units	7.8	
Soluble Salts (electrical conductivity EC <sub>s</sub> )	TMECC 04.10-A	dS/m (mmhos/cm)	2.38	
Particle Size	TMECC 02.02-B	% < 9.5 mm (3/8 in.), dw basis	99.47	
Stability Indicator (respirometry)			Stability Rating:	
CO <sub>2</sub> Evolution	TMECC 05.08-B	mg CO <sub>2</sub> -C/g OM/day	1	Very Stable
		mg CO <sub>2</sub> -C/g TS/day	2	
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Percent Emergence	TMECC 05.05-A	average % of control	93	
Relative Seedling Vigor	TMECC 05.05-A	average % of control	53	
Select Pathogens	TMECC 07.01-B	PASS/FAIL: per US EPA Class A standard, 40 CFR § 503.32(a)	PASS	Fecal Coliform
Trace Metals	TMECC 04.06	PASS/FAIL: per US EPA Class A standard, 40 CFR § 503.13,	PASS	As, Cd, Pb, Hg, Mo, Ni, Se, Zn

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.



**US Composting Council Certified**  
 This product meets or exceeds the parameters of the Acceptable Range of compost characteristics contained in the USCC's Consumer Compost Use Program