STA Certified™ COMPOST
A program of the US Composting Council

Compost Technical Data Sheet

Woods End® Laboratories LLC

Product	Myay Thai RBM
Company	Earth Care Farm
Facility - Name	Earth Care Farm
Facility - Telephone	4013649930
Facility - Location	89 A Country Dr Charlestown, RI 02813
Lab - Name	Woods End Laboratories
Lab - Location	150 Whitten Rd Augusta, ME 04330 USA
Date/Time Sample Mailed	
Date/Time Sample Received	3/28/2025 14:45

Test Results Excluding Nutrients

Compost Parameters	Reporting Unit	Test Results		TMECC Method
		Wet Weight	Dry Weight	
Moisture Content	%	45	N/A	03.09-A
Organic Matter Content	%	17.7	32.1	05.07-A
pH	pH Unit	7.19		04.11- A
Soluble Salts (Electrical Conductivity)	dS/m (mmhos/cm)	3.4		04.10-A
Stability Indicator (respirometry)				
CO2 Evolution	mg CO2-C/g TS/day	N/A	0.413	05.08-B
Solvita Maturity	Solvita	5.9		05.08-E
Maturity Indicator (bioassay)				
Relative Seedling Emergence	average % of control	83		05.05-A
Relative Seedling Vigor	average % of control	100		05.05-A
Select Pathogens				
Fecal Coliform[1]	MPN / gram	*if > 1000 = Fail*	Pass	07.01-B
Trace Metals[2]	Pass/Fail	As, Cd, Cu, Pb, Hg, Ni, Se, Zn	Pass	4.06
1. Per US EPA Class A Standard, 40 CFR 503.32(a)				
2. Per US EPA Class A Standard, 40 CFR 503.13				

Approved By: R Hamm

Test Results Including Nutrients

Compost Parameters	Reported as	Test Results		TMECC Method
		Wet Weight	Dry Weight	
Nitrogen	TN (%)	0.379	0.689	04.02-D
Phosphorus	P (%)	0.403	0.732	4.03-A
Potassium	K (%)	0.19	0.35	04.04-A
Calcium	Ca (%)	3.86	7.03	04.05-Ca
Magnesium	Mg (%)	0.13	0.23	04.05-Mg
Moisture Content	%	45	N/A	03.09-A
Organic Matter	%	17.7	32.1	05.07-A
pH	pH Units	7.19	7.19	04.11- A
Soluble Salts (Electrical Conductivity)	dS/m (mmhos/cm)	3.4	3.4	04.10-A
Particle Size - 3/8" (9.5 mm)	% passing	90.1	90.1	2.02-B
Maturity Indicator (bioassay)				
Relative Seedling Emergence	average % of control	83		05.05-A
Relative Seedling Vigor	average % of control	100		05.05-A
Select Pathogens				
Fecal Coliform[1]	MPN / gram	*if > 1000 = Fail*	Pass	07.01-B
Trace Metals[2]	Pass/Fail	As, Cd, Cu, Pb, Hg, Ni, Se, Zn	Pass	4.06

1. Per US EPA Class A Standard, 40 CFR 503.32(a)

2. Per US EPA Class A Standard, 40 CFR 503.13

Approved By:

Supplemental Sheet

Compost Parameters	Reported as	Test Results		TMECC
		Wet Weight	Dry Weight	Method
2" (50.8 mm)	% passing	N/A	100.0	02.02-B
1" (25.4 mm)	% passing	N/A	100.0	02.02-B
3/4" (19.05 mm)	% passing	N/A	98.9	02.02-B
5/8" (15.875 mm)	% passing	N/A	97.7	02.02-B
1/2" (12.7 mm)	% passing	N/A	94.5	02.02-B
3/8" (9.5 mm)	% passing	N/A	90.1	02.02-B
1/4" (6.35 mm)	% passing	N/A	77.1	02.02-B
1/8" (3.175 mm)	% passing	N/A	60.8	02.02-B
Total Physical Contaminants	%	N/A	0	02.02-B
Sharp Physical Contaminants	%	N/A	0	02.02-B
Trace Metals				
Arsenic	As mg/kg	N/A	1.8	4.06
Cadmium	Cd mg/kg	N/A	8	4.06
Copper	Cu mg/kg	N/A	14	4.06
Lead	Pb mg/kg	N/A	16.2	4.06
Mercury	Hg mg/kg	N/A	< 0.1	4.06
Nickel	Ni mg/kg	N/A	23	4.06
Selenium	Se mg/kg	N/A	< 1	4.06
Zinc	Zn mg/kg	N/A	68	4.06
Total Solids		55	N/A	
C:N Ratio	N/A	21.9	21.9	

Approved By: RHmy