



US COMPOSTING COUNCIL

Seal of Testing Assurance

Metro Waste Authority
Megan Laffoon
300 E. Locust Street - Suite 100
Des Moines
IA 50309

Date Sampled/Received: 02 Mar. 22 / 07 Mar. 22

Product Identification
Finished Compost

COMPOST TECHNICAL DATA SHEET

LABORATORY: Soil Control Lab; 42 Hangar Way; Watsonville, CA 95076 tel: 831.724.5422 fax: 831.724.3188			
Compost Parameters	Reported as (units of measure)	Test Results	Test Results
Plant Nutrients:	%, weight basis	Not reported	Not reported
Moisture Content	%, wet weight basis	37.2	
Organic Matter Content	%, dry weight basis	60.2	
pH	units	8.68	
Soluble Salts (electrical conductivity EC ₅)	dS/m (mmhos/cm)	2.5	
Particle Size or Sieve Size	maxium aggregate size, inches	0.38	
Stability Indicator (respirometry)		Stability Rating:	
CO ₂ Evolution	mg CO ₂ -C/g OM/day	4.2	Moderately Un-Stable
	mg CO ₂ -C/g TS/day	2.5	
Maturity Indicator (bioassay)			
Percent Emergence	average % of control	100.0	
Relative Seedling Vigor	average % of control	100.0	
Select Pathogens	PASS/FAIL: per US EPA Class A standard, 40 CFR § 503.32(a)	Pass	Salmonella
Trace Metals	PASS/FAIL: per US EPA Class A standard, 40 CFR § 503.13, Tables 1 and 3.	Pass	As,Cd,Cr,Cu,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.

Laboratory Group: Mar22B Laboratory Number: 2030148-1/1

Analyst: Assaf Sadeh

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Compost Parameters	Reported as (units of measure)	Test Results	Test Results
Plant Nutrients:	%, weight basis	%, wet weight basis	%, dry weight basis
Nitrogen	Total N	1.3	2.1
Phosphorus	P ₂ O ₅	0.39	0.64
Potassium	K ₂ O	0.72	1.2
Calcium	Ca	2.8	4.5
Magnesium	Mg	0.43	0.68
Moisture Content	%, wet weight basis	37.2	
Organic Matter Content	%, dry weight basis	60.2	
pH	units	8.68	
Soluble Salts (electrical conductivity EC ₅)	dS/m (mmhos/cm)	2.5	
Particle Size or Sieve Size	% under 9.5 mm, dw basis	100.0	
Stability Indicator (respirometry)		Stability Rating:	
CO ₂ Evolution	mg CO ₂ -C/g OM/day	4.2	Moderately Un-Stable
	mg CO ₂ -C/g TS/day	2.5	
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