



**US COMPOSTING
COUNCIL**

*Seal of Testing
Assurance*

Hampton Roads Sanitation District
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Date Sampled/Received: 02 Aug. 07 / 03 Aug. 07

Product Identification Compost
HRSD Nutri-Green Compost

COMPOST TECHNICAL DATA SHEET

LABORATORY: Soil Control Lab; 42 Hangar Way; Watsonville, CA 95076 tel: 831.724.5422 fax: 831.724.3188			
<i>Compost Parameters</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	Total N	1.5	2.2
Phosphorus	P ₂ O ₅	4.1	6.1
Potassium	K ₂ O	0.19	0.28
Calcium	Ca	2.4	3.6
Magnesium	Mg	0.27	0.40
Moisture Content	%, wet weight basis	32.2	
Organic Matter Content	%, dry weight basis	38.2	
pH	units	6.89	
Soluble Salts <i>(electrical conductivity EC_s)</i>	dS/m (mmhos/cm)	11	
Particle Size or Sieve Size	% under 9.5 mm, dw basis	96.3	
Stability Indicator (<i>respirometry</i>)		<i>Stability Rating:</i>	
CO ₂ Evolution	mg CO ₂ -C/g OM/day	2.8	Stable
	mg CO ₂ -C/g TS/day	1.1	
Maturity Indicator (bioassay)			
Percent Emergence	average % of control	100	
Relative Seedling Vigor	average % of control	50	
Select Pathogens	PASS/FAIL: per US EPA Class A standard, 40 CFR § 503.32(a)	Pass	<i>Fecal coliform</i>
		Pass	<i>Salmonella</i>
Trace Metals	PASS/FAIL: per US EPA Class A standard, 40 CFR § 503.13, Tables 1 and 3.	Pass	<i>As, Cd, Cr, Cu, 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.

Laboratory Group:

Aug.07.A

Laboratory Number: 70801221/1485616

Analyst: Kate Kurtz

www.compostlab.com