



**US COMPOSTING COUNCIL**

*Seal of Testing Assurance*

Naturecycle, LLC  
Charles Duprey  
P.O. Box 97  
Plainville  
NY 13137

Date Sampled/Received: 18 Mar. 25 / 20 Mar. 25

**Product Identification**  
Compost J

# 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	Not reported	Not reported
Moisture Content	%, wet weight basis	50.6	
Organic Matter Content	%, dry weight basis	36.2	
pH	units	8.61	
Soluble Salts <i>(electrical conductivity EC<sub>5</sub>)</i>	dS/m (mmhos/cm)	0.41	
Particle Size or Sieve Size	maxium aggregate size, inches	0.64	
Stability Indicator ( <i>respirometry</i> )		<i>Stability Rating:</i>	
CO <sub>2</sub> Evolution	mg CO <sub>2</sub> -C/g OM/day	1.1	Very Stable
	mg CO <sub>2</sub> -C/g TS/day	0.40	
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	<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>

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Laboratory Group: Mar25C Laboratory Number: 5030281-1/1

Analyst: Assaf Sadeh

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Plant Nutrients:	%, weight basis	%, wet weight basis	%, dry weight basis
Nitrogen	Total N	0.52	1.1
Phosphorus	P <sub>2</sub> O <sub>5</sub>	0.17	0.34
Potassium	K <sub>2</sub> O	0.20	0.42
Calcium	Ca	4.0	8.2
Magnesium	Mg	0.61	1.2
Moisture Content	%, wet weight basis	50.6	
Organic Matter Content	%, dry weight basis	36.2	
pH	units	8.61	
Soluble Salts <i>(electrical conductivity EC<sub>5</sub>)</i>	dS/m (mmhos/cm)	0.41	
Particle Size or Sieve Size	% under 9.5 mm, dw basis	98.5	
Stability Indicator ( <i>respirometry</i> )		<i>Stability Rating:</i>	
CO <sub>2</sub> Evolution	mg CO <sub>2</sub> -C/g OM/day	1.1	Very Stable
	mg CO <sub>2</sub> -C/g TS/day	0.40	
Maturity Indicator (bioassay)			
Percent Emergence	average % of control	100.0	
Relative Seedling Vigor	average % of control	100.0	
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**Product Identification**  
Compost A

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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	Not reported	Not reported
Moisture Content	%, wet weight basis	51.7	
Organic Matter Content	%, dry weight basis	47.6	
pH	units	8.80	
Soluble Salts <i>(electrical conductivity EC<sub>5</sub>)</i>	dS/m (mmhos/cm)	2.9	
Particle Size or Sieve Size	maxium aggregate size, inches	0.38	
Stability Indicator ( <i>respirometry</i> )		<i>Stability Rating:</i>	
CO <sub>2</sub> Evolution	mg CO <sub>2</sub> -C/g OM/day	2.0	Very Stable
	mg CO <sub>2</sub> -C/g TS/day	0.94	
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	<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>

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Plant Nutrients:	%, weight basis	%, wet weight basis	%, dry weight basis
Nitrogen	Total N	0.79	1.6
Phosphorus	P <sub>2</sub> O <sub>5</sub>	0.25	0.50
Potassium	K <sub>2</sub> O	0.43	0.90
Calcium	Ca	1.8	3.8
Magnesium	Mg	0.37	0.76
Moisture Content	%, wet weight basis	51.7	
Organic Matter Content	%, dry weight basis	47.6	
pH	units	8.80	
Soluble Salts <i>(electrical conductivity EC<sub>5</sub>)</i>	dS/m (mmhos/cm)	2.9	
Particle Size or Sieve Size	% under 9.5 mm, dw basis	100.0	
Stability Indicator ( <i>respirometry</i> )		Stability Rating:	
CO <sub>2</sub> Evolution	mg CO <sub>2</sub> -C/g OM/day	2.0	Very Stable
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