



US COMPOSTING COUNCIL

Seal of Testing Assurance

Z-Best Products

Kelli Lopez
980 State Highway 25
Gilroy
CA 95020

Date Sampled/Received: 05 Oct. 16 / 05 Oct. 16

Product Identification Compost
10.2016 Zbest Organic 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	Not reported	Not reported
Moisture Content	%, wet weight basis	33.4	
Organic Matter Content	%, dry weight basis	58.0	
pH	units	8.41	
Soluble Salts <i>(electrical conductivity EC₅)</i>	dS/m (mmhos/cm)	4.9	
Particle Size or Sieve Size	maximum aggregate size, inches	0.38	
Stability Indicator (<i>respirometry</i>)		<i>Stability Rating:</i>	
CO ₂ Evolution	mg CO ₂ -C/g OM/day	3.1	Stable
	mg CO ₂ -C/g TS/day	1.8	
Maturity Indicator (bioassay)			
Percent Emergence	average % of control	100.0	
Relative Seedling Vigor	average % of control	127.8	
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: Oct16A Laboratory Number: 6100147-1/4

Analyst: Assaf Sadeh

www.compostlab.com



US COMPOSTING COUNCIL

Seal of Testing Assurance

Z-Best Products

Kelli Lopez
980 State Highway 25
Gilroy
CA 95020

Date Sampled/Received: 05 Oct. 16 / 05 Oct. 16

Product Identification Compost
10.2016 Zbest Organic 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	1.2	1.8
Phosphorus	P ₂ O ₅	0.39	0.59
Potassium	K ₂ O	0.95	1.4
Calcium	Ca	1.5	2.3
Magnesium	Mg	0.48	0.72
Moisture Content	% wet weight basis	33.4	
Organic Matter Content	% dry weight basis	58.0	
pH	units	8.41	
Soluble Salts <i>(electrical conductivity EC₅)</i>	dS/m (mmhos/cm)	4.9	
Particle Size or Sieve Size	% under 9.5 mm, dw basis	100.0	
Stability Indicator (<i>respirometry</i>)		Stability Rating:	
CO ₂ Evolution	mg CO ₂ -C/g OM/day	3.1	Stable
	mg CO ₂ -C/g TS/day	1.8	
Maturity Indicator (bioassay)			
Percent Emergence	average % of control	100.0	
Relative Seedling Vigor	average % of control	127.8	
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: Oct16A Laboratory Number: 6100147-1/4

Analyst: Assaf Sadeh  www.compostlab.com



US COMPOSTING COUNCIL

Seal of Testing Assurance

Caltrans

Z-Best Products

Kelli Lopez
980 State Highway 25
Gilroy CA 95020

Product Identification:

10.2016 Zbest Organic Compost

Date Sampled/Received: 05 Oct. 16 / 05 Oct. 16

COMPOST TECHNICAL DATA SHEET for Caltrans

LABORATORY: Soil Control Lab, 42 Hangar Way, Watsonville, CA 95076 tel (831) 724-5422 fax (831) 724-3188 www.compostlab.com

<i>Compost Parameters</i>	<i>Test Results</i>	<i>Reported as (units of measure)</i>	<i>TMECC Test Method</i>
pH	8.41	Unitless	04.11-A 1:5 Slurry pH
Soluble Salts (electrical conductivity)	4.9	dS/m (mmhos/cm)	04.10-A 1:5 Slurry Method Mass Basis
Moisture content	33.4	%, wet weight basis	03.09-A - Total Solids and Moisture
Organic Matter Content	58.0	%, dry weight basis	05.07-A Loss-on-Ignition Organic Matter Method (LOI)
Maturity Indicator (bioassay) Percent Emergence	100.0	average % of control	05.05-A Germination and vigor
Relative Seedling Vigor	127.8	average % of control	
Stability Indicator	3.1	mg CO ₂ -C/g OM/day	05.08-B Carbon Dioxide Evolution Rate
Particle Size	100.0	%, dry weight passing through 9.5 mm	02.02-B Sample Sieving for Aggregate Size Classification
Pathogens	Pass	PASS/FAIL: Per US EPA Class A standard, 40 CFR 503.32(a)	07.01-B Fecal coliforms
Pathogens	Pass	PASS/FAIL: Per US EPA Class A standard, 40 CFR 503.32(a)	07.02 Salmonella
Physical Contaminants	0.16	%, dry weight basis	02.02-C - Man-Made Inerts Total content
Physical Contaminants	None Detected	%, dry weight basis	02.02-C - Man-Made Inerts Sharps content
Heavy Metals Content	Pass	PASS/FAIL: Per US EPA Class A 40 CFR 503.13, tables 1 and 3.	04.06-Heavy Metals standard, and Hazardous Elements

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.

For additional information pertaining to compost use, the specific compost parameters tested for within the Seal of Testing assurance Program, or the program in general, log on to the US Composting Council's TMECC web-site at <http://www.tmecc.org>.

This compost product has been sampled and tested as required by the Seal of Testing assurance Program on the United States Composting Council (USCC), using certain methods from the "Test Methods for the Examination of Compost and Composting" manual. Test results are available upon request by contacting the compost producer (address at top of page). The USCC makes no warranties regarding this product or its content, quality, or suitability for any particular use.

Laboratory Group: Oct16A Laboratory Number: 6100147-1/4

Analyst: Assaf Sadeh

www.compostlab.com