



**US COMPOSTING  
COUNCIL**

*Seal of Testing  
Assurance*

**Organics by Gosh**

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Product Name: TPC

Sample Date: February 8, 2024

**COMPOST TECHNICAL DATA SHEET**

LABORATORY: TPS Lab, 4915 W. Monte Cristo Rd, Edinburg, TX 78541; 956-383-0739 FAX 956-383-0730

<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	0.76	1.55
Phosphorus	P <sub>2</sub> O <sub>5</sub>	0.47	0.96
Potassium	K <sub>2</sub> O	0.54	1.10
Calcium	Ca	3.03	6.19
Magnesium	Mg	0.22	0.46
Moisture Content	% , wet weight basis	51.11721831	
Organic Matter Content	% , dry weight basis	38.25470545	
pH	pH units	7.19	
Soluble Salts <i>(electrical conductivity EC<sub>5</sub>)</i>	dS/m (mmhos/cm)	2.11	
Particle Size	% < 9.5 mm (% in.), dw basis	100	
<i>Stability Indicator (respirometry)</i>		<i>Stability Rating:</i>	
CO <sub>2</sub> Evolution	mg CO <sub>2</sub> -C/g OM/day	1.02	Stable
	mg CO <sub>2</sub> -C/g TS/day	1.55	
	Solvita - Maturity Index		
<i>Maturity Indicator (bioassay)</i>			
Percent Emergence	average % of control	93.33333333	
Relative Seedling Vigor	average % of control	100	
Select Pathogens	PASS/FAIL: per US EPA Class A standard, 40 CFR § 503.32(a)	Pass	<i>Fecal coliform</i>
			<i>Total coliform</i>
Trace Metals	PASS/FAIL: per US EPA Class A standard, 40 CFR § 503.13, Tables 1 and 3.	Pass	<i>As,Cd,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.*