

# Supplementary Materials: Leads from Physical, Chemical, and Thermal Characterization on Cytotoxic Effects of Xylan-Based Microparticles

Henrique Rodrigues Marcelino, Acarília Eduardo da Silva, Monique Christine Salgado Gomes, Elquio Eleamen Oliveira, Toshiyuki Nagashima-Junior, Gardênia Sousa Pinheiro, Acarízia Eduardo da Silva, Ana Rafaela de Souza Timoteo, Lucymara Fassarella Agnez-Lima, Alejandro Pedro Ayala, Anselmo Gomes Oliveira and Eryvaldo Sócrates Tabosa do Egito

**Table S1.** Statistically difference among groups after the performance of the *post-hoc* Tukey test.

Groups	Concentrations	p-Value
Xylan vs xylan	24.8 vs 12.4	0.00
	24.8 vs 6.2	0.00
	24.8 vs 3.1	0.00
	12.4 vs 6.2	$2.94 \times 10^{-6}$
	12.4 vs 3.1	$3.98 \times 10^{-4}$
	6.2 vs 3.1	$9.91 \times 10^{-1}^*$
PbM vs PbM	0.744 vs 0.372	0.00
	0.744 vs 0.186	0.00
	0.744 vs 0.093	0.00
	0.744 vs 0.046	0.00
	0.372 vs 0.186	$8.67 \times 10^{-9}$
	0.372 vs 0.093	0.00
	0.372 vs 0.046	0.00
	0.186 vs 0.093	$2.27 \times 10^{-6}$
	0.186 vs 0.046	$8.53 \times 10^{-10}$
	0.093 vs 0.046	$9.21 \times 10^{-1}^*$
Xylan vs PbM	24.8 vs 0.744	$1.26 \times 10^{-5}$
	24.8 vs 0.372	0.00
	24.8 vs 0.186	0.00
	24.8 vs 0.093	0.00
	24.8 vs 0.046	0.00
	12.4 vs 0.744	0.00
	12.4 vs 0.372	$8.90 \times 10^{-1}^*$
	12.4 vs 0.186	$6.02 \times 10^{-6}$
	12.4 vs 0.093	0.00
	12.4 vs 0.046	0.00
	6.2 vs 0.744	0.00
	6.2 vs 0.372	$3.13 \times 10^{-9}$
	6.2 vs 0.186	1.00
	6.2 vs 0.093	$3.50 \times 10^{-7}$
	6.2 vs 0.046	$6.98 \times 10^{-11}$
	3.1 vs 0.744	0.00
	3.1 vs 0.372	$7.26 \times 10^{-7}$
	3.1 vs 0.186	$9.87 \times 10^{-1}^*$
	3.1 vs 0.093	$1.41 \times 10^{-9}$
	3.1 vs 0.046	$2.18 \times 10^{-13}$

*\*, p-value > 0.05*



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