

Accepted Manuscript

Title: Kinetic study of thermal degradation of chitosan as a function of deacetylation degree

Authors: M.A. Gámiz-González, D.M. Correia, S. Lanceros-Mendez, V. Sencadas, J.L. Gómez Ribelles, A. Vidaurre



PII: S0144-8617(17)30268-0
DOI: <http://dx.doi.org/doi:10.1016/j.carbpol.2017.03.020>
Reference: CARP 12109

To appear in:

Received date: 19-12-2016
Revised date: 3-3-2017
Accepted date: 7-3-2017

Please cite this article as: Gámiz-González, MA., Correia, DM., Lanceros-Mendez, S., Sencadas, V., Gómez Ribelles, JL., & Vidaurre, A., Kinetic study of thermal degradation of chitosan as a function of deacetylation degree. *Carbohydrate Polymers* <http://dx.doi.org/10.1016/j.carbpol.2017.03.020>

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

Kinetic study of thermal degradation of chitosan as a function of deacetylation degree.

M. A. Gámiz-González ^{a*}, D. M. Correia ^{b,c}, S. Lanceros-Mendez ^{c,d,e}, V. Sencadas^f, J. L. Gómez Ribelles ^{a,g} and A. Vidaurre ^{a,g}.

^a Centre for Biomaterials and Tissue Engineering (CBIT), Universitat Politècnica de València, Cno. de Vera s/n, 46022 Valencia, Spain.

^b Centro de Química, Universidade do Minho, Campus de Gualtar, 4710-057 Braga, Portugal

^cCentro de Física, Universidade do Minho, Campus de Gualtar, 4710-058 Braga, Portugal

^dBCMaterials, Basque Center for Materials, Applications and Nanostructures, Parque Tecnológico de Bizkaia, 48160 Derio, Spain

^eIKERBASQUE, Basque Foundation for Science, 48013 Bilbao, Spain

^fSchool of Mechanical, Materials and Mechatronics Engineering, University of Wollongong, Wollongong NSW 2522, Australia.

^gBiomedical Research Networking Center on Bioengineering, Biomaterials and Nanomedicine (CIBER-BBN), Valencia, Spain

Download English Version:

<https://daneshyari.com/en/article/5157679>

Download Persian Version:

<https://daneshyari.com/article/5157679>

[Daneshyari.com](https://daneshyari.com)