Accepted Manuscript

Physicochemical and rheo-mechanical characterization of titanium dioxide reinforced sage seed gum nanohybrid hydrogel

Seyed Amir Oleyaei, Seyed Mohammad Ali Razavi, Kirsi S. Mikkonen

PII: S0141-8130(18)31655-6

DOI: doi:10.1016/j.ijbiomac.2018.06.049

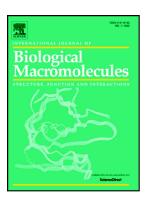
Reference: BIOMAC 9889

To appear in: International Journal of Biological Macromolecules

Received date: 9 April 2018 Revised date: 27 May 2018 Accepted date: 10 June 2018

Please cite this article as: Seyed Amir Oleyaei, Seyed Mohammad Ali Razavi, Kirsi S. Mikkonen, Physicochemical and rheo-mechanical characterization of titanium dioxide reinforced sage seed gum nanohybrid hydrogel. Biomac (2017), doi:10.1016/j.ijbiomac.2018.06.049

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.



ACCEPTED MANUSCRIPT

Physicochemical and rheo-mechanical characterization of titanium dioxide reinforced sage seed gum nanohybrid hydrogel

Seyed Amir Oleyaei^a, Seyed Mohammad Ali Razavi^{a,*}, Kirsi S. Mikkonen^b

^aFood Hydrocolloids Research Centre, Department of Food Science and Technology, Ferdowsi

University of Mashhad (FUM), P.O. Box 91775-1163, Mashhad, Iran

^bDepartment of Food and Nutrition, P.O. Box 66 (Agnes Sjöberginkatu 2), FI-00014, University of

Helsinki, Finland

^{*}Corresponding author: Tel: +98-51-38805763, Fax: +98-51-38787430, Email: s.razavi@um.ac.ir

Download English Version:

https://daneshyari.com/en/article/8326877

Download Persian Version:

https://daneshyari.com/article/8326877

<u>Daneshyari.com</u>