Accepted Manuscript

Title: Protein adsorption of dialdehyde cellulose-crosslinked chitosan with high amino group contents

Authors: Ung-Jin Kim, Yeong Ro Lee, Tong Ho Kang, Joon

Weon Choi, Satoshi Kimura, Masahisa Wada

PII: S0144-8617(17)30063-2

DOI: http://dx.doi.org/doi:10.1016/j.carbpol.2017.01.052

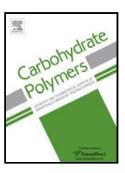
Reference: CARP 11930

To appear in:

Received date: 20-8-2016 Revised date: 9-1-2017 Accepted date: 14-1-2017

Please cite this article as: Kim, Ung-Jin., Lee, Yeong Ro., Kang, Tong Ho., Choi, Joon Weon., Kimura, Satoshi., & Wada, Masahisa., Protein adsorption of dialdehyde cellulose-crosslinked chitosan with high amino group contents. *Carbohydrate Polymers* http://dx.doi.org/10.1016/j.carbpol.2017.01.052

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

Protein adsorption of dialdehyde cellulose-crosslinked chitosan with high amino group contents

Ung-Jin Kim,^a* Yeong Ro Lee,^b Tong Ho Kang,^b Joon Weon Choi,^c Satoshi Kimura,^{a,d}
Masahisa Wada^{a,e}*

^aDepartment of Plant & Environmental New Resources, College of Life Sciences, Kyung Hee University, 1 Seocheon-dong, Giheung-gu, Yongin-si, Gyeonggi-do 446-701, Republic of Korea

^bDepartment of Oriental Medical Materials & Processing, College of Life Sciences, Kyung Hee University

^cDepartment of Forest Sciences and Research Institute for Agriculture and Life Science, Seoul National University, 599 Gwanak-ro, Gwanak-gu, Seoul, 151-921, Republic of Korea

^dDepartment of Biomaterials Science, Graduate School of Agricultural and Life Sciences, The University of Tokyo, Yayoi 1-1-1, Bunkyo-ku, Tokyo 113-8657, Japan

^eDivision of Forest and Biomaterials Science, Graduate School of Agriculture, Kyoto University, Sakyo-ku, Kyoto 606-8502, Japan

Download English Version:

https://daneshyari.com/en/article/5157025

Download Persian Version:

https://daneshyari.com/article/5157025

<u>Daneshyari.com</u>