

Accepted Manuscript

Title: Molecular weight kinetics and chain scission models for dextran polymers during ultrasonic degradation

Author: Yuanyuan Pu Qingsong Zou Dianzhi Hou Yiping
Zhang Shan Chen



PII: S0144-8617(16)31071-2
DOI: <http://dx.doi.org/doi:10.1016/j.carbpol.2016.09.017>
Reference: CARP 11544

To appear in:

Received date: 28-6-2016
Revised date: 19-8-2016
Accepted date: 6-9-2016

Please cite this article as: Pu, Yuanyuan., Zou, Qingsong., Hou, Dianzhi., Zhang, Yiping., & Chen, Shan., Molecular weight kinetics and chain scission models for dextran polymers during ultrasonic degradation. *Carbohydrate Polymers* <http://dx.doi.org/10.1016/j.carbpol.2016.09.017>

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.

Molecular weight kinetics and chain scission models for dextran polymers during ultrasonic degradation

Yuanyuan Pu^{a,b}, Qingsong Zou^{a,b}, Dianzhi Hou^{a,b}, Yiping Zhang^{a,b}, Shan Chen^{a,*}

^a *Center for Sugar Engineering and Technology Research, Guangxi University, Nanning 530004, PR China*

^b *College of Light Industry and Food Engineering, Guangxi University, Nanning 530004, PR China*

*Corresponding author.

Tel. / Fax: +86 771 3231590

E-mail: chenshan@gxu.edu.cn

Postal address: Center for Sugar Engineering and Technology Research, Guangxi University, Nanning 530004, PR China

Other authors' email address:

Yuanyuan Pu: yuanyuan.pu@ucdconnect.ie

Qingsong Zou: Qingsong.Zou@ul.ie

Dianzhi Hou: xiaozhihou90@126.com

Yiping Zhang: feyzhang1989@mail.scut.edu.cn

Download English Version:

<https://daneshyari.com/en/article/5157465>

Download Persian Version:

<https://daneshyari.com/article/5157465>

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