Accepted Manuscript

Chromatographic separation of glucose, xylose and arabinose from lignocellulosic hydrolysates using cation exchange resin

Kaifei Chen, Gang Luo, Zhongfang Lei, Zhenya Zhang, Shicheng Zhang, Jianmin Chen

PII: S1383-5866(17)32084-1

DOI: https://doi.org/10.1016/j.seppur.2017.12.030

Reference: SEPPUR 14263

To appear in: Separation and Purification Technology

Received Date: 29 June 2017
Revised Date: 2 December 2017
Accepted Date: 14 December 2017



Please cite this article as: K. Chen, G. Luo, Z. Lei, Z. Zhang, S. Zhang, J. Chen, Chromatographic separation of glucose, xylose and arabinose from lignocellulosic hydrolysates using cation exchange resin, *Separation and Purification Technology* (2017), doi: https://doi.org/10.1016/j.seppur.2017.12.030

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

Chromatographic separation of glucose, xylose and arabinose from lignocellulosic hydrolysates using cation exchange resin

Kaifei Chen^a, Gang Luo^a, Zhongfang Lei^b, Zhenya Zhang^b, Shicheng Zhang^{*, a}, Jianmin Chen^a

^a Shanghai Key Laboratory of Atmospheric Particle Pollution and Prevention (LAP³),

Department of Environmental Science and Engineering, Fudan University, Shanghai 200433,

China

^b Graduate School of Life and Environmental Sciences, University of Tsukuba, 1-1-1 Tennodai, Tsukuba, Ibaraki 305-8572, Japan

*Corresponding author. Tel/Fax: +86-21-65642297; E-mail address: zhangsc@fudan.edu.cn.

Download English Version:

https://daneshyari.com/en/article/7044028

Download Persian Version:

https://daneshyari.com/article/7044028

<u>Daneshyari.com</u>