Accepted Manuscript

Insights into the improvement of alkaline hydrogen peroxide (AHP) pretreatment on the enzymatic hydrolysis of corn stover: chemical and microstructural analyses

Junbao Li, Minsheng Lu, Xiaomiao Guo, Haiyan Zhang, Yaping Li, Lujia Han

PII: S0960-8524(18)30750-8

DOI: https://doi.org/10.1016/j.biortech.2018.05.082

Reference: BITE 19988

To appear in: Bioresource Technology

Received Date: 13 March 2018 Revised Date: 21 May 2018 Accepted Date: 22 May 2018



Please cite this article as: Li, J., Lu, M., Guo, X., Zhang, H., Li, Y., Han, L., Insights into the improvement of alkaline hydrogen peroxide (AHP) pretreatment on the enzymatic hydrolysis of corn stover: chemical and microstructural analyses, *Bioresource Technology* (2018), doi: https://doi.org/10.1016/j.biortech.2018.05.082

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

Insights into the improvement of alkaline hydrogen peroxide (AHP) pretreatment on the enzymatic hydrolysis of corn stover: chemical and microstructural analyses

Junbao Li ^a, Minsheng Lu ^a, Xiaomiao Guo ^a, Haiyan Zhang ^a, Yaping Li ^a and Lujia Han ^{a, *}

^a College of Engineering, China Agricultural University (East campus), 17

Qing-Hua-Dong-Lu, Hai-Dian District, Beijing 100083, P. R. China

Email address:

Junbao Li: lijunbao0702@cau.edu.cn;

Minsheng Lu: bibilailms@cau.edu.cn;

Xiaomiao Guo: xmguo_914@cau.edu.cn;

Haiyan Zhang: zhanghaiyan@cau.edu.cn;

Yaping Li: yapingli@cau.edu.cn;

Lujia Han: hanlj@cau.edu.cn

*Corresponding author: Prof. Lujia Han,

P.O. Box 191, College of Engineering,

China Agricultural University (East campus),

17 Qing-Hua-Dong-Lu, Haidian district,

Beijing 100083, P. R. China.

Telephone: 86-10-62736313, Fax: 86-10-62736778

Email: hanlj@cau.edu.cn

Download English Version:

https://daneshyari.com/en/article/7066359

Download Persian Version:

https://daneshyari.com/article/7066359

<u>Daneshyari.com</u>