Accepted Manuscript

Minimization of fermentation inhibitor generation by carbon dioxide-water based pretreatment and enzyme hydrolysis of guayule biomass

S.M. Mahfuzul Islam, J. Richard Elliott, Lu-Kwang Ju

PII: S0960-8524(17)32165-X

DOI: https://doi.org/10.1016/j.biortech.2017.12.032

Reference: BITE 19287

To appear in: Bioresource Technology

Received Date: 17 October 2017 Revised Date: 11 December 2017 Accepted Date: 12 December 2017



Please cite this article as: Mahfuzul Islam, S.M., Richard Elliott, J., Ju, L-K., Minimization of fermentation inhibitor generation by carbon dioxide-water based pretreatment and enzyme hydrolysis of guayule biomass, *Bioresource Technology* (2017), doi: https://doi.org/10.1016/j.biortech.2017.12.032

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

Minimization of fermentation inhibitor generation by carbon dioxide-water based pretreatment and enzyme hydrolysis of guayule biomass

S. M. Mahfuzul Islam, J. Richard Elliott and Lu-Kwang Ju*

Department of Chemical and Biomolecular Engineering

The University of Akron

Akron, OH 44325-3906, USA

* To whom all correspondence should be addressed (Phone: 330-972-7252, E-mail:

Lukeju@uakron.edu)

Download English Version:

https://daneshyari.com/en/article/7068572

Download Persian Version:

https://daneshyari.com/article/7068572

Daneshyari.com