Accepted Manuscript

Kinetics, Electron-Donor-Acceptor Interactions, and Site Energy Distribution Analyses of Norfloxacin Adsorption on Pretreated Barley Straw

Bei Yan, Catherine Hui Niu, Jian Wang

PII: S1385-8947(17)31398-0

DOI: http://dx.doi.org/10.1016/j.cej.2017.08.056

Reference: CEJ 17507

To appear in: Chemical Engineering Journal

Received Date: 22 June 2017 Revised Date: 11 August 2017 Accepted Date: 12 August 2017



Please cite this article as: B. Yan, C.H. Niu, J. Wang, Kinetics, Electron-Donor-Acceptor Interactions, and Site Energy Distribution Analyses of Norfloxacin Adsorption on Pretreated Barley Straw, *Chemical Engineering Journal* (2017), doi: http://dx.doi.org/10.1016/j.cej.2017.08.056

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

Kinetics, Electron-Donor-Acceptor Interactions, and Site Energy Distribution Analyses of Norfloxacin Adsorption on Pretreated Barley Straw

Bei Yan ^a, Catherine Hui Niu ^{a,b*} and Jian Wang ^c

^a School of Environment and Sustainability, University of Saskatchewan, 117 Science Place, Saskatoon, Saskatchewan, Canada S7N 5C8

^b Department of Chemical and Biological Engineering, University of Saskatchewan, 57 Campus Drive, Saskatoon, Saskatchewan, Canada S7N 5A9

^c Canadian Light Source, 44 Innovation Boulevard, Saskatoon, Saskatchewan, Canada S7N 2V3

E-mail address: catherine.niu@usask.ca

_

^{*} Corresponding author. Present address: Department of Chemical and Biological Engineering, University of Saskatchewan, 57 Campus Drive, Saskatoon, Saskatchewan, Canada S7N 5A9. Tel: 1 306 966 2174. Fax: 1 306 966 4777.

Download English Version:

https://daneshyari.com/en/article/4762949

Download Persian Version:

https://daneshyari.com/article/4762949

<u>Daneshyari.com</u>