

Accepted Manuscript

A novel amphoteric β -cyclodextrin-based adsorbent for simultaneous removal of cationic/anionic dyes and bisphenol A

Yanbo Zhou, Yonghua Hu, Weiwei Huang, Guang Cheng, Changzheng Cui, Jun Lu

PII: S1385-8947(18)30177-3
DOI: <https://doi.org/10.1016/j.cej.2018.01.155>
Reference: CEJ 18475

To appear in: *Chemical Engineering Journal*

Received Date: 20 December 2017
Revised Date: 30 January 2018
Accepted Date: 31 January 2018

Please cite this article as: Y. Zhou, Y. Hu, W. Huang, G. Cheng, C. Cui, J. Lu, A novel amphoteric β -cyclodextrin-based adsorbent for simultaneous removal of cationic/anionic dyes and bisphenol A, *Chemical Engineering Journal* (2018), doi: <https://doi.org/10.1016/j.cej.2018.01.155>



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.

A novel amphoteric β -cyclodextrin-based adsorbent for simultaneous removal of cationic/anionic dyes and bisphenol A

Yanbo Zhou ^{a,b,*}, Yonghua Hu ^a, Weiwei Huang ^{a,b}, Guang Cheng ^a, Changzheng Cui ^c, Jun Lu ^a

^a Key Laboratory of Coal Gasification and Energy Chemical Engineering of Ministry of Education, East China University of Science and Technology, No. 130 Meilong road, Xuhui District, Shanghai 200237, China

^b Shanghai Institute of Pollution Control and Ecological Security, No. 1515 Zhongshan Second North Road, Hongkou District, Shanghai 200092, China

^c State Environmental Protection Key Laboratory of Environmental Risk Assessment and Control on Chemical Process, East China University of Science and Technology, No. 130 Meilong road, Xuhui District, Shanghai 200237, China

Corresponding author

*Y. Zhou. Tel. /fax: +86-21-64250225. Email: zhouyanbo@ecust.edu.cn.

Download English Version:

<https://daneshyari.com/en/article/6579753>

Download Persian Version:

<https://daneshyari.com/article/6579753>

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