Accepted Manuscript

Performance evaluation of nanofiltration polyamide membranes based from 3,3'-diaminobenzidine

Yan-Li Ji, Micah Belle Marie Yap Ang, Shu-Hsien Huang, Jing-Yan Lu, Sheng-Ju Tsai, Manuel Reyes De Guzman, Hui-An Tsai, Chien-Chieh Hu, Kueir-Rarn Lee, Juin-Yih Lai

PII: S1383-5866(18)32708-4

DOI: https://doi.org/10.1016/j.seppur.2018.09.067

Reference: SEPPUR 14965

To appear in: Separation and Purification Technology

Received Date: 4 August 2018
Revised Date: 22 September 2018
Accepted Date: 22 September 2018



Please cite this article as: Y-L. Ji, M. Belle Marie Yap Ang, S-H. Huang, J-Y. Lu, S-J. Tsai, M. Reyes De Guzman, H-A. Tsai, C-C. Hu, K-R. Lee, J-Y. Lai, Performance evaluation of nanofiltration polyamide membranes based from 3,3'-diaminobenzidine, *Separation and Purification Technology* (2018), doi: https://doi.org/10.1016/j.seppur. 2018.09.067

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

Performance evaluation of nanofiltration polyamide membranes based from 3,3'-diaminobenzidine

Yan-Li Ji^{b,a,1}, Micah Belle Marie Yap Ang^{a,1}, Shu-Hsien Huang^{c,a}*, Jing-Yan Lu^c, Sheng-Ju Tsai^c, Manuel Reyes De Guzman^d, Hui-An Tsai^{a,**}, Chien-Chieh Hu^{e,a}, Kueir-Rarn Lee^a, Juin-Yih Lai^{e,f,a}

^b Center for Membrane and Water Science & Technology, Ocean College, Zhejiang University of Technology, Hangzhou 310014, China

^c Department of Chemical and Materials Engineering, National Ilan University, Yilan 26047, Taiwan

^d Material Corrosion and Protection Key Laboratory of Sichuan Province, College of Materials Science and Engineering, Sichuan University of Science and Engineering, Zigong 643000, China

^e Graduate Institute of Applied Science and Technology, National Taiwan University of Science and Technology, Taipei 10607, Taiwan

f Department of Chemical Engineering, National Taiwan University of Science and Technology, Taipei 10607, Taiwan

To whom all correspondence should be addressed

*Shu-Hsien Huang

Tel.: +886-3-9317505. Fax: +886-3-9357025.

E-mail address: huangsh@niu.edu.tw (S. H. Huang)

**Hui-An Tsai

Tel.: +886-3-2654190. Fax: +886-3-2654198.

E-mail address: huian@cycu.edu.tw (H. A. Tsai)

^a R&D Center for Membrane Technology, Department of Chemical Engineering, Chung Yuan University, Taoyuan 32023, Taiwan

¹ Yan-Li Ji and Micah Belle Marie Yap Ang are co-first authors.

Download English Version:

https://daneshyari.com/en/article/11023720

Download Persian Version:

https://daneshyari.com/article/11023720

<u>Daneshyari.com</u>