Accepted Manuscript

eTailored mesoporosity and acidity of shape-selective fibrous silica beta zeolite for enhanced toluene co-reaction with methanol

N.N.M. Ghani, A.A. Jalil, S. Triwahyono, M.A.A. Aziz, A.F.A. Rahman, M.Y.S. Hamid, S.M. Izan, M.G.M. Nawawi

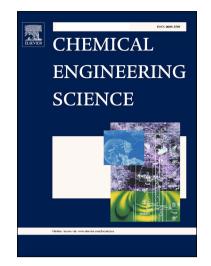
PII: S0009-2509(18)30658-4

DOI: https://doi.org/10.1016/j.ces.2018.09.009

Reference: CES 14485

To appear in: Chemical Engineering Science

Received Date: 19 May 2018
Revised Date: 9 August 2018
Accepted Date: 7 September 2018



Please cite this article as: N.N.M. Ghani, A.A. Jalil, S. Triwahyono, M.A.A. Aziz, A.F.A. Rahman, M.Y.S. Hamid, S.M. Izan, M.G.M. Nawawi, eTailored mesoporosity and acidity of shape-selective fibrous silica beta zeolite for enhanced toluene co-reaction with methanol, *Chemical Engineering Science* (2018), doi: https://doi.org/10.1016/j.ces.2018.09.009

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

Tailored mesoporosity and acidity of shape-selective fibrous silica beta zeolite for enhanced toluene co-reaction with methanol

N.N.M. Ghani^a, A.A. Jalil^{a,b*}, S. Triwahyono^c, M.A.A. Aziz^a, A.F.A. Rahman^a, M.Y.S. Hamid^a, S.M. Izan^c, and M.G.M. Nawawi^a

^aDepartment of Chemical Engineering, Faculty of Chemical and Energy Engineering,

Universiti Teknologi Malaysia, 81310 UTM Johor Bahru, Johor, Malaysia

^bCentre of Hydrogen Energy, Institute of Future Energy, 81310 UTM Johor Bahru, Johor,

Malaysia

^cDepartment of Chemistry, Faculty of Science, Universiti Teknologi Malaysia, 81310 UTM Johor Bahru, Johor, Malaysia

*To whom correspondence should be addressed,

Aishah Abdul Jalil (Ph.D.)

Tel: 60-7-5535581 Fax: 60-7-5536165

Email: aishahaj@utm.my

1

Download English Version:

https://daneshyari.com/en/article/10139031

Download Persian Version:

https://daneshyari.com/article/10139031

<u>Daneshyari.com</u>