

## Accepted Manuscript

Phenol preparation from catalytic pyrolysis of palm kernel shell at low temperatures

Guozhang Chang, Peng Miao, Ximin Yan, Guijin Wang, Qingjie Guo

PII: S0960-8524(17)32229-0  
DOI: <https://doi.org/10.1016/j.biortech.2017.12.084>  
Reference: BITE 19339

To appear in: *Bioresource Technology*

Received Date: 13 November 2017  
Revised Date: 23 December 2017  
Accepted Date: 26 December 2017

Please cite this article as: Chang, G., Miao, P., Yan, X., Wang, G., Guo, Q., Phenol preparation from catalytic pyrolysis of palm kernel shell at low temperatures, *Bioresource Technology* (2017), doi: <https://doi.org/10.1016/j.biortech.2017.12.084>

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.



Phenol preparation from catalytic pyrolysis of palm kernel shell at low temperatures

Guozhang Chang<sup>a</sup>, Peng Miao<sup>a</sup>, Ximin Yan<sup>a</sup>, Guijin Wang<sup>c</sup>, Qingjie Guo<sup>a,b\*</sup>

<sup>a</sup> *Key Laboratory of Clean Chemical Processing of Shandong Province, College of Chemical Engineering, Qingdao University of Science and Technology, Qingdao 266042, PR China*

<sup>b</sup> *State Key Laboratory of High-efficiency Coal Utilization and Green Chemical Engineering, College of Chemistry and Chemical Engineering, Ningxia University, Yinchuan 750021, PR China*

<sup>c</sup> *State Key Laboratory of Catalysis, Dalian Institute of Chemical Physics, Chinese Academy of Sciences, Dalian 116023, China*

---

\*Corresponding author.

*Address:* College of Chemical Engineering, Qingdao University of Science and Technology, Qingdao 266042, China. Tel.: +86 053184022257. *E-mail address:* qjguo@qust.edu.cn (Q. Guo).

Download English Version:

<https://daneshyari.com/en/article/7068395>

Download Persian Version:

<https://daneshyari.com/article/7068395>

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