### **Accepted Manuscript**

Highly efficient adsorbent based on novel cotton flower-like porous boron nitride for organic pollutant removal

Kakali Maiti, Tran Duy Thanh, Kamaldeep Sharma, David Hui, Nam Hoon Kim, Joong Hee Lee

COMPOSITES

Far B: engineering

PII: \$1359-8368(17)31182-4

DOI: 10.1016/j.compositesb.2017.05.018

Reference: JCOMB 5041

To appear in: Composites Part B

Received Date: 4 April 2017 Revised Date: 6 May 2017 Accepted Date: 6 May 2017

Please cite this article as: Maiti K, Thanh TD, Sharma K, Hui D, Kim NH, Lee JH, Highly efficient adsorbent based on novel cotton flower-like porous boron nitride for organic pollutant removal, *Composites Part B* (2017), doi: 10.1016/j.compositesb.2017.05.018.

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

## Highly Efficient Adsorbent based on Novel Cotton Flower-like Porous Boron Nitride for Organic Pollutant Removal

Kakali Maiti, <sup>a</sup> Tran Duy Thanh, <sup>a</sup> Kamaldeep Sharma, <sup>a</sup> David Hui, <sup>b</sup> Nam Hoon Kim, <sup>a</sup> Joong Hee Lee<sup>a,c\*</sup>

<sup>a</sup>Advanced Materials Institute of BIN Convergence Technology (BK21 plus Global Program),
Department of BIN Convergence Technology, Chonbuk National University, Jeonju, Jeonbuk
54896, Republic of Korea.

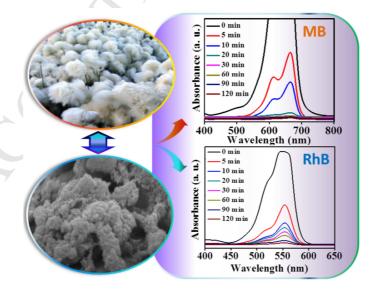
<sup>b</sup>Department of Mechanical Engineering, University of New Orleans, New Orleans, LA 70148, USA.

<sup>c</sup>Carbon Composite Research Centre, Department of Polymer & Nanoscience and Technology, Chonbuk National University Jeonju, Jeonbuk 54896, Republic of Korea.

#### \*Corresponding authors:

E-Mail: jhl@jbnu.ac.kr (Joong Hee Lee)

Fax: +82 832702341; Tel: +82 832702342



#### Download English Version:

# https://daneshyari.com/en/article/5021252

Download Persian Version:

https://daneshyari.com/article/5021252

<u>Daneshyari.com</u>