Accepted Manuscript

Title: Effective removal of methylene blue from aqueous solutions using magnetic loaded activated carbon as novel adsorbent

Authors: Esra Altıntıg, Hüseyin Altundag, Mustafa Tuzen, Ahmet Sarı



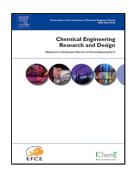
S0263-8762(17)30178-8 http://dx.doi.org/doi:10.1016/j.cherd.2017.03.035 CHERD 2633

To appear in:

Received date:	28-1-2017
Revised date:	28-3-2017
Accepted date:	30-3-2017

Please cite this article as: Altıntıg, Esra, Altundag, Hüseyin, Tuzen, Mustafa, Sarı, Ahmet, Effective removal of methylene blue from aqueous solutions using magnetic loaded activated carbon as novel adsorbent. Chemical Engineering Research and Design http://dx.doi.org/10.1016/j.cherd.2017.03.035

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

Effective removal of methylene blue from aqueous solutions using magnetic

loaded activated carbon as novel adsorbent

Esra Altıntıg^a, Hüseyin Altundag^a, Mustafa Tuzen^b, Ahmet Sarı^{c,d}

^aSakarya University, Art and Science Faculty, Chemistry Department, 54187, Sakarya, Turkey ^bGaziosmanpasa, Art and Science Faculty, Chemistry Department, 60250, Tokat, Turkey ^cKaradeniz Technical University, Engineering Faculty, Metallurgical and Material Engineering Department, 61080, Trabzon, Turkey. ^dKing Fahd University of Petroleum and Minerals, Centers of Research Excellence, Renewable Energy Research Institute, Dhahran, 31261 Saudi Arabia

*Corresponding author: Tel: +90 264 295 60 56; e-mail: altintig@sakarya.edu.tr (Esra

Altıntıg)

Graphical abstract

Download English Version:

https://daneshyari.com/en/article/4987174

Download Persian Version:

https://daneshyari.com/article/4987174

Daneshyari.com