Accepted Manuscript

Removal of Cu²⁺, Cd²⁺ and Pb²⁺ from aqueous solutions by magnetic alginate microsphere based on Fe₃O₄/MgAl-layered double hydroxide

Junhao Sun, Yan Chen, Haiqin Yu, Liangguo Yan, Bin Du, Zhiguo Pei

PII: S0021-9797(18)30896-8

DOI: https://doi.org/10.1016/j.jcis.2018.07.132

Reference: YJCIS 23923

To appear in: Journal of Colloid and Interface Science

Received Date: 9 April 2018 Revised Date: 30 July 2018 Accepted Date: 30 July 2018



Please cite this article as: J. Sun, Y. Chen, H. Yu, L. Yan, B. Du, Z. Pei, Removal of Cu²⁺, Cd²⁺ and Pb²⁺ from aqueous solutions by magnetic alginate microsphere based on Fe₃O₄/MgAl-layered double hydroxide, *Journal of Colloid and Interface Science* (2018), doi: https://doi.org/10.1016/j.jcis.2018.07.132

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

Removal of Cu^{2+} , Cd^{2+} and Pb^{2+} from aqueous solutions by magnetic alginate microsphere based on Fe₃O₄/MgAl-layered double hydroxide

Junhao Sun, Yan Chen, Haiqin Yu, Liangguo Yan, ** Bin Du, Zhiguo Pei^c

a School of Water Conservancy and Environment, University of Jinan, Key Laboratory of Water Resources and Environmental Engineering in Universities of Shandong (University of Jinan), Jinan 250022, P. R. China

^b Longkou Environmental Protection Bureau, Longkou 265701, P. R. China

^c State Key Laboratory of Environmental Chemistry and Ecotoxicology, Research Center for Eco–Environmental Sciences, Chinese Academy of Sciences, PO Box 2871, Beijing 100085, China

* To whom all correspondence should be addressed

Tel: +86-531-82767617

E-mail: yanyu-33@163.com, chm_yanlg@ujn.edu.cn

Download English Version:

https://daneshyari.com/en/article/6989102

Download Persian Version:

https://daneshyari.com/article/6989102

Daneshyari.com