## Accepted Manuscript

Title: Optimization of lead removal from aqueous solution using goethite/chitosan nanocomposite by response surface methodology

Author: Safoora Rahimi Rozita M. Moattari Laleh Rajabi Ali Ashraf Derakhshan

PII: S0927-7757(15)30131-X

DOI: http://dx.doi.org/doi:10.1016/j.colsurfa.2015.07.063

Reference: COLSUA 20089

To appear in: Colloids and Surfaces A: Physicochem. Eng. Aspects

Received date: 27-5-2015 Revised date: 23-7-2015 Accepted date: 29-7-2015

Please cite this article as: Safoora Rahimi, Rozita M.Moattari, Laleh Rajabi, Ali Ashraf Derakhshan, Optimization of lead removal from aqueous solution using goethite/chitosan nanocomposite by response surface methodology, Colloids and Surfaces A: Physicochemical and Engineering Aspects http://dx.doi.org/10.1016/j.colsurfa.2015.07.063

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

## **Optimization of Lead Removal from Aqueous Solution Using**

### Goethite/Chitosan Nanocomposite by Response Surface Methodology

Safoora Rahimi<sup>1</sup>, Rozita. M. Moattari<sup>1</sup>, Laleh Rajabi<sup>\*1, 2</sup>, Ali Ashraf Derakhshan<sup>3</sup>

- 1. Polymer Research Lab., Department of Chemical Engineering, College of Engineering, Razi University, Kermanshah, Iran.
- 2. Department of Chemistry, University of Victoria (UVic), Victoria, British Columbia, Canada.
- 3. Young Researchers and Elite Club, Kermanshah Branch, Islamic Azad University, Kermanshah, Iran.

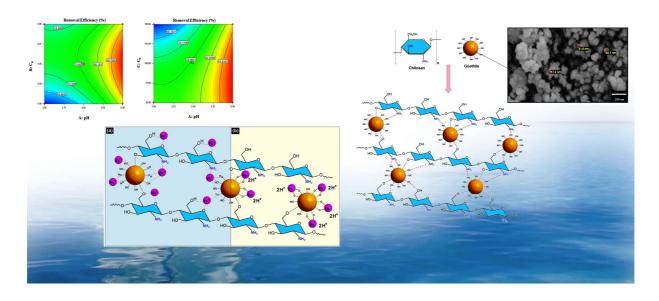
\*Corresponding author: Laleh Rajabi

**Tel:** +1 778 440 3144, +1 250 589 2031

**Fax:** +98 831 4274542

Email: laleh.rajabii@gmail.com lrajabi@uvic.ca

#### **Graphical abstract**



#### Download English Version:

# https://daneshyari.com/en/article/6978690

Download Persian Version:

https://daneshyari.com/article/6978690

<u>Daneshyari.com</u>