## Accepted Manuscript

Synthesis of magnetite derivatives nanoparticles and their application for the removal of chromium (VI) from aqueous solutions

Lotfi Ben Tahar, Med Habid Oueslati, Mustafa Jaipallah Abdelmageed Abualreish

PII: S0021-9797(17)31199-2

DOI: https://doi.org/10.1016/j.jcis.2017.10.044

Reference: YJCIS 22914

To appear in: Journal of Colloid and Interface Science

Received Date: 25 April 2017 Revised Date: 13 September 2017 Accepted Date: 11 October 2017



Please cite this article as: L. Ben Tahar, M. Habid Oueslati, M. Jaipallah Abdelmageed Abualreish, Synthesis of magnetite derivatives nanoparticles and their application for the removal of chromium (VI) from aqueous solutions, *Journal of Colloid and Interface Science* (2017), doi: https://doi.org/10.1016/j.jcis.2017.10.044

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.

## Synthesis of magnetite derivatives nanoparticles and their application for the removal of chromium (VI) from aqueous solutions

Lotfi Ben Tahar<sup>a,b,c,\*</sup>, Med Habid Oueslati<sup>a,d</sup>, Mustafa Jaipallah Abdelmageed Abualreish<sup>a,e</sup>

Jarzouna, Tunisia.

Postal address: Northern Border University, Faculty of Science, P.O. Box 1231, Arar 91431,

Kingdom of Saudi Arabia

Tel: +966 50 00 88 65 85/ +216 98 902 376

E-mail address: bentaharlotfi@gmail.com (L. Ben Tahar).

<sup>&</sup>lt;sup>a</sup> Northern Border University, Faculty of Science of Arar, P.O. Box 1231, Arar 91431, Kingdom of Saudi Arabia <sup>b</sup> Tunis El Manar University, Faculty of Science of Tunis, Campus Universitaire, 2092, Tunisia.

<sup>&</sup>lt;sup>c</sup> Carthage University, Faculty of Science of Bizerte, UR11ES30, Synthèse et Structures de Nanomatériaux, 7021,

<sup>&</sup>lt;sup>d</sup> Carthage University, Department of Chemistry, Preparatory Institute for Scientific and Technical Studies, P.O. Box 51, La Marsa 2070, Tunisia.

<sup>&</sup>lt;sup>e</sup> Omdurman Islamic University, Department of Chemistry, Faculty of Science.

<sup>\*</sup> Corresponding author.

## Download English Version:

## https://daneshyari.com/en/article/6992885

Download Persian Version:

https://daneshyari.com/article/6992885

<u>Daneshyari.com</u>