

Accepted Manuscript

Highly selective and efficient removal and extraction of heavy metals by layered double hydroxides intercalated with the diphenylamine-4-sulfonate: A comparative study

Hamid Asiabi, Yadollah Yamini, Maryam Shamsayei, Elham Tahmasebi

PII: S1385-8947(17)30640-X

DOI: <http://dx.doi.org/10.1016/j.cej.2017.04.096>

Reference: CEJ 16850

To appear in: *Chemical Engineering Journal*

Received Date: 11 March 2017

Revised Date: 18 April 2017

Accepted Date: 19 April 2017

Please cite this article as: H. Asiabi, Y. Yamini, M. Shamsayei, E. Tahmasebi, Highly selective and efficient removal and extraction of heavy metals by layered double hydroxides intercalated with the diphenylamine-4-sulfonate: A comparative study, *Chemical Engineering Journal* (2017), doi: <http://dx.doi.org/10.1016/j.cej.2017.04.096>

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.



Highly selective and efficient removal and extraction of heavy metals by layered double hydroxides intercalated with the diphenylamine-4-sulfonate: A comparative study

Hamid Asiabi^a, Yadollah Yamini^{*a}, Maryam Shamsayei^a, Elham Tahmasebi^b

^a*Department of Chemistry, Tarbiat Modares University, P.O. Box 14115-175, Tehran, Iran*

^b*Department of Chemistry, Institute for Advanced Studies in Basic Sciences (IASBS), P.O. Box 45195-1159, Zanzan, Iran*

* Tel.: +98 21 82883417; Fax: +98 21 8288006544.
E-mail address: yyamini@modares.ac.ir (Y. Yamini).

Download English Version:

<https://daneshyari.com/en/article/4763046>

Download Persian Version:

<https://daneshyari.com/article/4763046>

[Daneshyari.com](https://daneshyari.com)