

Accepted Manuscript

Title: Use of polymer-bound Schiff base as a new liquid binding agent of diffusive gradients in thin-films for the measurement of labile Cu^{2+} , Cd^{2+} and Pb^{2+}

Author: Hong-Tao Fan Jin-Xiu Liu Dian-Peng Sui Hui Yao
Feng Yan Ting Sun



PII: S0304-3894(13)00390-7
DOI: <http://dx.doi.org/doi:10.1016/j.jhazmat.2013.05.049>
Reference: HAZMAT 15136

To appear in: *Journal of Hazardous Materials*

Received date: 20-2-2013
Revised date: 13-5-2013
Accepted date: 25-5-2013

Please cite this article as: H.-T. Fan, J.-X. Liu, D.-P. Sui, H. Yao, F. Yan, T. Sun, Use of polymer-bound Schiff base as a new liquid binding agent of diffusive gradients in thin-films for the measurement of labile Cu^{2+} , Cd^{2+} and Pb^{2+} , *Journal of Hazardous Materials* (2013), <http://dx.doi.org/10.1016/j.jhazmat.2013.05.049>

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.

**Use of polymer-bound Schiff base as a new liquid binding agent of
diffusive gradients in thin-films for the measurement of labile Cu^{2+} ,
 Cd^{2+} and Pb^{2+}**

Hong-Tao Fan ^{a,b}, Jin-Xiu Liu^a, Dian-Peng Sui^b, Hui Yao^a, Feng Yan^a, Ting Sun^{b,*}

^a College of Applied Chemistry, Shenyang University of Chemical Technology, Shenyang,
110142, China

^b Department of Chemistry, Northeastern University, Shenyang, 110004, China

* Corresponding author

E-mail: sun1th@163.com

Tel.: +86-24-83684786

Fax: +86-24-83676698

Download English Version:

<https://daneshyari.com/en/article/6972442>

Download Persian Version:

<https://daneshyari.com/article/6972442>

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