

Accepted Manuscript

Degradation of p-arsanilic acid and simultaneous in-situ removal of arsenic species with ferrate(VI): kinetics, intermediate and degradation pathway

Junyu Fan, Zhaoxia Ding, Zhiwei Zhao, Jie Liu

PII: S1385-8947(18)30717-4
DOI: <https://doi.org/10.1016/j.cej.2018.04.144>
Reference: CEJ 18944

To appear in: *Chemical Engineering Journal*

Received Date: 10 February 2018
Revised Date: 19 April 2018
Accepted Date: 20 April 2018

Please cite this article as: J. Fan, Z. Ding, Z. Zhao, J. Liu, Degradation of p-arsanilic acid and simultaneous in-situ removal of arsenic species with ferrate(VI): kinetics, intermediate and degradation pathway, *Chemical Engineering Journal* (2018), doi: <https://doi.org/10.1016/j.cej.2018.04.144>

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.



Degradation of p-arsanilic acid and simultaneous in-situ removal of arsenic species with ferrate(VI): kinetics, intermediate and degradation pathway

Junyu Fan,¹ Zhaoxia Ding,¹ Zhiwei Zhao,^{2,*} Jie Liu^{1,*}

1. Department of Military Facilities, Army Logistics University, Chongqing, 401311, China

2. Key laboratory of the Three Gorges Reservoir Region's Eco-Environment, State Ministry of Education, Chongqing University, Chongqing, 400045, China

Corresponding Author

Jie Liu: Tel.: + 86 (23) 8673 0631, e-mail: liujiely@hotmail.com

Zhiwei Zhao: e-mail: zhaozhiweihit@gmail.com

Download English Version:

<https://daneshyari.com/en/article/6578294>

Download Persian Version:

<https://daneshyari.com/article/6578294>

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