

Accepted Manuscript

Effects of bromide and iodide on the chlorination of diclofenac: Accelerated chlorination and enhanced formation of disinfection by-products

Huiyu Dong, Zhimin Qiang, Xiangjuan Yuan, Anjie Luo

PII: S1383-5866(17)31960-3
DOI: <https://doi.org/10.1016/j.seppur.2017.09.068>
Reference: SEPPUR 14077

To appear in: *Separation and Purification Technology*

Received Date: 19 July 2017
Revised Date: 15 September 2017
Accepted Date: 27 September 2017



Please cite this article as: H. Dong, Z. Qiang, X. Yuan, A. Luo, Effects of bromide and iodide on the chlorination of diclofenac: Accelerated chlorination and enhanced formation of disinfection by-products, *Separation and Purification Technology* (2017), doi: <https://doi.org/10.1016/j.seppur.2017.09.068>

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.

**Effects of bromide and iodide on the chlorination of diclofenac:
Accelerated chlorination and enhanced formation of
disinfection by-products**

Huiyu Dong ^a, Zhimin Qiang ^{a,*}, Xiangjuan Yuan ^b, Anjie Luo ^b

^a *Key Laboratory of Drinking Water Science and Technology, Research Center for Eco-Environmental Sciences, University of Chinese Academy of Sciences, Chinese Academy of Sciences, 18 Shuang-qing Road, Beijing 100085, China*

^b *School of Environmental Engineering, Wuhan Textile University, 1 Yang-guang Road, Wuhan 430073, China.*

* Corresponding author.

E-mail address: qiangz@rcees.ac.cn (Z. Qiang)

Download English Version:

<https://daneshyari.com/en/article/7044150>

Download Persian Version:

<https://daneshyari.com/article/7044150>

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