

Accepted Manuscript

Two-phase partitioning detoxification to improve bio-butanol production from brewery industry wastes

Sampa Maiti, Gorka Gallastegui, Gayatri Suresh, Satinder Kaur Brar, Yann Le Bihan, Patrick Drogui, Gerardo Buelna, Antonio Avalos Ramirez, Mausam Verma, Carlos Ricardo Soccol

PII: S1385-8947(17)31372-4
DOI: <http://dx.doi.org/10.1016/j.cej.2017.08.035>
Reference: CEJ 17486

To appear in: *Chemical Engineering Journal*

Received Date: 7 June 2017
Revised Date: 7 August 2017
Accepted Date: 8 August 2017

Please cite this article as: S. Maiti, G. Gallastegui, G. Suresh, S.K. Brar, Y. Le Bihan, P. Drogui, G. Buelna, A.A. Ramirez, M. Verma, C. Ricardo Soccol, Two-phase partitioning detoxification to improve bio-butanol production from brewery industry wastes, *Chemical Engineering Journal* (2017), doi: <http://dx.doi.org/10.1016/j.cej.2017.08.035>

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.



**Two-phase partitioning detoxification to improve bio-butanol production from
brewery industry wastes**

*Sampa Maiti^a, Gorka Gallastegui^{a,b}, Gayatri Suresh^a, Satinder Kaur Brar^{a1}, Yann Le Bihan^c,
Patrick Drogui^a, Gerardo Buelna^c, Antonio Avalos Ramirez^d, Mausam Verma^e, Carlos Ricardo
Socol^f*

*^aInstitut national de la recherche scientifique, Centre - Eau Terre Environnement, 490, Rue de la
Couronne, Québec(QC), Canada G1K 9A9*

*^bUniversity of the Basque Country (UPV/EHU), Department of Chemical and Environmental
Engineering, Faculty of Engineering, Alameda Urkijo s/n, 48013 Bilbao, Spain*

^cCentre de recherche industrielle du Québec (CRIQ), Québec(QC), Canada

*^dCentre National en Électrochimie et en Technologies Environnementales, 2263, Avenue du
Collège, Shawinigan, Québec, G9N 6V8, Canada*

^eCO₂ Solutions Inc., 2300, rue Jean-Perrin, Québec, Québec G2C 1T9, Canada

*^fBioprocess Engineering and Biotechnology Department, Federal University of Paraná, Centro
Politécnico, UsinaPiloto B, CEP 81531-990 Curitiba, Paraná, Brazil*

¹Corresponding author- Phone: 1 418 654 3116; Fax: 1 418 654 2600; E-mail: satinder.brar@ete.inrs.ca

Download English Version:

<https://daneshyari.com/en/article/4762934>

Download Persian Version:

<https://daneshyari.com/article/4762934>

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