

Accepted Manuscript

Short Communication

Effect of 5-hydroxymethylfurfural (5-HMF) on high-rate continuous biohydrogen production from galactose

Parthiban Anburajan, Arivalagan Pugazhendhi, Jong-Hun Park, Periyasamy Sivagurunathan, Gopalakrishnan Kumar, Sang-Hyoun Kim

PII: S0960-8524(17)31542-0
DOI: <http://dx.doi.org/10.1016/j.biortech.2017.09.001>
Reference: BITE 18829

To appear in: *Bioresource Technology*

Received Date: 14 July 2017
Revised Date: 31 August 2017
Accepted Date: 1 September 2017



Please cite this article as: Anburajan, P., Pugazhendhi, A., Park, J-H., Sivagurunathan, P., Kumar, G., Kim, S-H., Effect of 5-hydroxymethylfurfural (5-HMF) on high-rate continuous biohydrogen production from galactose, *Bioresource Technology* (2017), doi: <http://dx.doi.org/10.1016/j.biortech.2017.09.001>

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.

Effect of 5-hydroxymethylfurfural (5-HMF) on high-rate continuous biohydrogen production from galactose

Parthiban Anburajan^{1,2}, Arivalagan Pugazhendhi^{1,3}, Jong-Hun-Park^{1,4}, Periyasamy Sivagurunathan⁵, Gopalakrishnan Kumar^{1,3}, Sang-Hyoun- Kim^{1,3} *

¹ Sustainable Environmental Process Research Institute, Daegu University, Gyeongbuk 38453, South Korea

² Department of Civil Engineering, Daegu University, Gyeongsan, Gyeongbuk 38453, South Korea

³ Department of Environmental Engineering, Daegu University, Gyeongsan, Gyeongbuk 38453, South Korea

⁴ Civil, Environmental and Architectural Engineering, Korea University, Seoul 02841, South Korea

⁵ Centre for Materials Cycles and Waste Management Research, National Institute for Environmental Studies, Tsukuba, Japan

* Corresponding author. Tel: +82-53-850-6691, Fax: +82-53-850-6699, E-mail: sanghkim1@daegu.ac.kr

Download English Version:

<https://daneshyari.com/en/article/7069573>

Download Persian Version:

<https://daneshyari.com/article/7069573>

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