Accepted Manuscript

Title: Selection of oleaginous yeasts capable of high lipid accumulation during challenges from inhibitory chemical compounds

Authors: Ario Betha Juanssilfero, Prihardi Kahar, Rezky Lastinov Amza, Nao Miyamoto, Hiromi Otsuka, Hana Matsumoto, Chie Kihira, Ahmad Thontowi, Yopi, Chiaki Ogin, Bambang Prasetya, Akihiko Kondo

PII: \$1369-703X(18)30169-4

DOI: https://doi.org/10.1016/j.bej.2018.05.024

Reference: BEJ 6961

To appear in: Biochemical Engineering Journal

Received date: 4-3-2018 Revised date: 5-5-2018 Accepted date: 28-5-2018

Please cite this article as: Juanssilfero AB, Kahar P, Amza RL, Miyamoto N, Otsuka H, Matsumoto H, Kihira C, Thontowi A, Yopi, Ogin C, Prasetya B, Kondo A, Selection of oleaginous yeasts capable of high lipid accumulation during challenges from inhibitory chemical compounds, *Biochemical Engineering Journal* (2018), https://doi.org/10.1016/j.bej.2018.05.024

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.



Selection of oleaginous yeasts capable of high lipid accumulation during

challenges from inhibitory chemical compounds

Short title: Effect of inhibitory chemical compounds on lipid production

Ario Betha Juanssilfero, 1,2# Prihardi Kahar, 1# Rezky Lastinov Amza, 1 Nao Mivamoto, 1

Hiromi Otsuka, ¹ Hana Matsumoto, ¹ Chie Kihira, ¹ Ahmad Thontowi, ² Yopi, ²

Chiaki Ogino,¹* Bambang Prasetya,³ and Akihiko Kondo^{1,4}

¹ Graduate School of Engineering, Kobe University, 1-1 Rokkodaicho, Nada-ku, Kobe 657-

8501, Japan

² Research Center for Biotechnology, Indonesian Institute of Sciences (LIPI), Jl. Raya Bogor

Km 46, Cibinong, 16911, Bogor, West Java, Indonesia

³ National Standardization Agency of Indonesia (BSN), Gedung Badan Pengkajian dan

Penerapan Teknologi (BPPT), Jl. M.H. Thamrin No.8, Jakarta 10340, Indonesia

⁴Graduate School of Science, Technology and Innovation (STIN), Kobe University, 1-1

Rokkodaicho, Nada-ku, Kobe 657-8501, Japan

#Ario Betha Juanssilfero and Prihardi Kahar contributed equally to this work.

*Correspondence address: Chiaki Ogino, Department of Chemical Science and Engineering,

Graduate School of Engineering, Kobe University, 1-1 Rokkodaicho, Nada-ku, Kobe 657-

8501, Japan

E-mail: ochiaki@port.kobe-u.ac.jp

Tel/Fax: +81-78-803-6193

1

Download English Version:

https://daneshyari.com/en/article/6483898

Download Persian Version:

https://daneshyari.com/article/6483898

<u>Daneshyari.com</u>