

Accepted Manuscript

Cultivation temperature modulated the monomer composition and polymer properties of polyhydroxyalkanoate synthesized by *Cupriavidus* sp. L7L from levulinate as sole carbon source

Der-Shyan Sheu, Yuh-Ling Lee Chen, Wun-Jyun Jhuang, HOUNG-YUNG CHEN, Wann-Neng Jane



PII: S0141-8130(18)31102-4
DOI: [doi:10.1016/j.ijbiomac.2018.06.193](https://doi.org/10.1016/j.ijbiomac.2018.06.193)
Reference: BIOMAC 10033

To appear in: *International Journal of Biological Macromolecules*

Received date: 7 March 2018

Revised date: 24 June 2018

Accepted date: 30 June 2018

Please cite this article as: Der-Shyan Sheu, Yuh-Ling Lee Chen, Wun-Jyun Jhuang, HOUNG-YUNG CHEN, Wann-Neng Jane , Cultivation temperature modulated the monomer composition and polymer properties of polyhydroxyalkanoate synthesized by *Cupriavidus* sp. L7L from levulinate as sole carbon source. *Biomac* (2018), doi:[10.1016/j.ijbiomac.2018.06.193](https://doi.org/10.1016/j.ijbiomac.2018.06.193)

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.

Cultivation temperature modulated the monomer composition and polymer properties of polyhydroxyalkanoate synthesized by *Cupriavidus* sp. L7L from levulinate as sole carbon source

Der-Shyan Sheu^{1,2†}, Yuh-Ling Lee Chen², Wun-Jyun Jhuang¹, Houng-Yung Chen², Wann-Neng Jane³

Author affiliations:

¹ Department of Marine Biotechnology, National Kaohsiung University of Science and Technology, Kaohsiung, Taiwan, ROC

² Department of Oceanography, National Sun Yat-sen University, Kaohsiung 80424, Taiwan, ROC.

³ Plant Cell Biology Core Lab, Institute of Plant and Microbial Biology, Academia Sinica, Taipei, Taiwan, ROC

Mailing address: Department of Marine Biotechnology, National Kaohsiung University of Science and Technology, No.142, Hai-Chuan Rd., Nan-Tzu Dist. Kaohsiung, Taiwan, ROC

Tel: +886 7 361 7141 ext. 3815

[†]Correspondence: Der-Shyan Sheu, sds@nkust.edu.tw

Download English Version:

<https://daneshyari.com/en/article/10156849>

Download Persian Version:

<https://daneshyari.com/article/10156849>

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