Accepted Manuscript

Two-step salting-out extraction of 1, 3-propanediol, butyric acid and acetic acid from fermentation broths

Zhen Li, Ling Yan, Jinjie Zhou, Xiaoli Wang, Yaqin Sun, Zhi-Long Xiu

PII: S1383-5866(18)30841-4

DOI: https://doi.org/10.1016/j.seppur.2018.07.021

Reference: SEPPUR 14752

To appear in: Separation and Purification Technology

Received Date: 13 March 2018 Revised Date: 20 June 2018 Accepted Date: 9 July 2018



Please cite this article as: Z. Li, L. Yan, J. Zhou, X. Wang, Y. Sun, Z-L. Xiu, Two-step salting-out extraction of 1, 3-propanediol, butyric acid and acetic acid from fermentation broths, *Separation and Purification Technology* (2018), doi: https://doi.org/10.1016/j.seppur.2018.07.021

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.

ACCEPTED MANUSCRIPT

Two-step salting-out extraction of 1, 3-propanediol, butyric acid and acetic acid from fermentation broths

Zhen Li, Ling Yan, Jinjie Zhou, Xiaoli Wang, Yaqin Sun, Zhi-Long Xiu*

School of Life Science and Biotechnology, Dalian University of Technology, Dalian, Liaoning

116024, P.R. China

*Correspondence: Prof. Zhilong Xiu (Email: <u>zhlxiu@dlut.edu.cn</u>, Tel/Fax:

+86-0411-84706369), School of Life Science and Biotechnology, Dalian University of

Technology, No.2 Linggong Road, Dalian 116024, P. R. China

Download English Version:

https://daneshyari.com/en/article/7043472

Download Persian Version:

https://daneshyari.com/article/7043472

<u>Daneshyari.com</u>