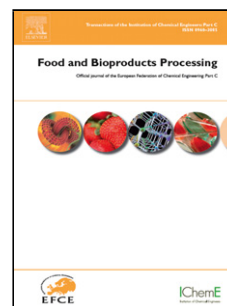


Accepted Manuscript

Title: Food-grade single-cell protein production, characterization and ultrafiltration recovery of residual fermented whey proteins from whey

Author: J.S.S. Yadav S. Yan C.M. Ajila J. Bezawada R.D. Tyagi R.Y. Surampalli



PII: S0960-3085(16)30032-3
DOI: <http://dx.doi.org/doi:10.1016/j.fbp.2016.04.012>
Reference: FBP 712

To appear in: *Food and Bioproducts Processing*

Received date: 11-12-2014
Accepted date: 19-4-2016

Please cite this article as: Yadav, J.S.S., Yan, S., Ajila, C.M., Bezawada, J., Tyagi, R.D., Surampalli, R.Y., Food-grade single-cell protein production, characterization and ultrafiltration recovery of residual fermented whey proteins from whey, *Food and Bioproducts Processing* (2016), <http://dx.doi.org/10.1016/j.fbp.2016.04.012>

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.

Highlights

- Biomass treatment to reduce the nucleic acid content of single-cell protein.
- Characterization and ultrafiltration recovery of residual soluble proteins.
- Two-step pretreatment was efficient to reduce the nucleic acid content of biomass.
- Whey proteins were partially hydrolysed during fermentation.
- Residual proteins were recovered through two ultrafiltration membranes in series.

Download English Version:

<https://daneshyari.com/en/article/6488513>

Download Persian Version:

<https://daneshyari.com/article/6488513>

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