

Accepted Manuscript

Title: Exopolysaccharide produced by *Streptococcus thermophiles* S-3: molecular, partial structural and rheological properties

Authors: Zhi-Yuan Xu, Qing-bin Guo, Hui Zhang, Yan Wu, Xiao-min Hang, Lian-zhong Ai



PII: S0144-8617(18)30393-X
DOI: <https://doi.org/10.1016/j.carbpol.2018.04.014>
Reference: CARP 13468

To appear in:

Received date: 30-12-2017
Revised date: 17-3-2018
Accepted date: 3-4-2018

Please cite this article as: Xu, Zhi-Yuan., Guo, Qing-bin., Zhang, Hui., Wu, Yan., Hang, Xiao-min., & Ai, Lian-zhong., Exopolysaccharide produced by *Streptococcus thermophiles* S-3: molecular, partial structural and rheological properties. *Carbohydrate Polymers* <https://doi.org/10.1016/j.carbpol.2018.04.014>

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.

**Exopolysaccharide produced by *Streptococcus thermophiles* S-3: molecular,
partial structural and rheological properties**

Zhi-Yuan Xu^{1, 2a}, Qing-bin Guo^{3a}, Hui Zhang¹, Yan Wu⁴, Xiao-min Hang^{1,5},

Lian-zhong Ai^{1,*}

¹Shanghai Engineering Research Center of Food Microbiology, School of Medical Instrument and Food Engineering, University of Shanghai for Science and Technology, Shanghai 200093, China

²State Key Laboratory of Dairy Biotechnology, Technology Center Bright Dairy & Food Co., Ltd, Shanghai 200436, China

³School of Food Engineering and Biological Technology, Tianjin University of Science & Technology, Tianjin, 300222, China.

⁴School of Agriculture and Biology, Shanghai Jiao Tong University, Shanghai 200240, China

⁵Shanghai Jiaoda Onlly Co., Ltd, Shanghai 200233, China

^a These authors contributed equally to this work and should be considered co-first authors.

* Corresponding author, TEL/FAX: 021-55897302; E-mail: ailianzhong@hotmail.com

Download English Version:

<https://daneshyari.com/en/article/7782229>

Download Persian Version:

<https://daneshyari.com/article/7782229>

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