

Accepted Manuscript

Title: Eugenol-chitosan nanoemulsions by ultrasound-mediated emulsification: Formulation, characterization and antimicrobial activity

Authors: Ying Shao, Chunhua Wu, Tiantian Wu, Yuan Li, Shiguo Chen, Chunhong Yuan, Yaqin Hu



PII: S0144-8617(18)30365-5
DOI: <https://doi.org/10.1016/j.carbpol.2018.03.101>
Reference: CARP 13451

To appear in:

Received date: 9-12-2017
Revised date: 27-3-2018
Accepted date: 30-3-2018

Please cite this article as: Shao, Ying., Wu, Chunhua., Wu, Tiantian., Li, Yuan., Chen, Shiguo., Yuan, Chunhong., & Hu, Yaqin., Eugenol-chitosan nanoemulsions by ultrasound-mediated emulsification: Formulation, characterization and antimicrobial activity. *Carbohydrate Polymers* <https://doi.org/10.1016/j.carbpol.2018.03.101>

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.

Eugenol-chitosan nanoemulsions by ultrasound-mediated emulsification: Formulation, characterization and antimicrobial activity

Running Title: Eugenol-chitosan nanoemulsions

Ying Shao¹, Chunhua Wu^{1 & 2}, Tiantian Wu¹, Yuan Li¹, Shiguo Chen¹, Chunhong

Yuan³, Yaqin Hu^{1*}

¹ National-Local Joint Engineering Laboratory of Intelligent Food Processing Technology and Equipment, Key Laboratory for Agro-Products Postharvest Handling of Ministry of Agriculture, Key Laboratory for Agro-Products Nutritional Evaluation of Ministry of Agriculture, Zhejiang Key Laboratory for Agro-Food Processing, Fuli Institute of Food Science, College of Biosystems Engineering and Food Science, Zhejiang University, Hangzhou 310058, China

² College of Food Science, Fujian Agriculture and Forestry University, Fuzhou 350002, Fujian, China

³ Department of Food Production and Environmental Management, Faculty of Agriculture, Iwate University, Morioka, Iwate 020-8550 Japan

*To whom correspondence should be addressed: National-Local Joint Engineering Laboratory of Intelligent Food Processing Technology and Equipment, Key Laboratory for Agro-Products Postharvest Handling of Ministry of Agriculture, Key Laboratory for Agro-Products Nutritional Evaluation of Ministry of Agriculture, Zhejiang Key Laboratory for Agro-Food Processing, Fuli Institute of Food Science, College of

Download English Version:

<https://daneshyari.com/en/article/7782553>

Download Persian Version:

<https://daneshyari.com/article/7782553>

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