

Accepted Manuscript

Effects of freezing-thawing pretreatment combined with liquid nitrogen and dilute acid on the gelatinization of collagen

Xueke Chen, Liang Ma, Ting Guo, Yong Yu, Xiaoyi Li, Wenyin Xia, Yuhao Zhang



PII: S0141-8130(18)32481-4

DOI: [doi:10.1016/j.ijbiomac.2018.06.106](https://doi.org/10.1016/j.ijbiomac.2018.06.106)

Reference: BIOMAC 9946

To appear in: *International Journal of Biological Macromolecules*

Received date: 22 May 2018

Revised date: 12 June 2018

Accepted date: 22 June 2018

Please cite this article as: Xueke Chen, Liang Ma, Ting Guo, Yong Yu, Xiaoyi Li, Wenyin Xia, Yuhao Zhang , Effects of freezing-thawing pretreatment combined with liquid nitrogen and dilute acid on the gelatinization of collagen. *Biomac* (2018), doi:[10.1016/j.ijbiomac.2018.06.106](https://doi.org/10.1016/j.ijbiomac.2018.06.106)

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.

**Effects of freezing-thawing pretreatment combined with liquid
nitrogen and dilute acid on the gelatinization of collagen**

Xueke Chen, Liang Ma, Ting Guo, Yong Yu, Xiaoyi Li, Wenyin Xia, Yuhao Zhang*

College of Food Science, Southwest University, Chongqing 400716, China

* Corresponding author at: College of Food Science, Southwest University, No.2 Tiansheng Road,
Beibei District, Chongqing, 400716, P R China. fax: +86 23 62851947; E-mail: zhy1203@163.com.

ACCEPTED MANUSCRIPT

Download English Version:

<https://daneshyari.com/en/article/8326822>

Download Persian Version:

<https://daneshyari.com/article/8326822>

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