## Accepted Manuscript

Effect of Kappa-carrageenan oligosaccharides on myofibrillar protein oxidation in peeled shrimp (*Litopenaeus vannamei*) during long-term frozen storage

Zhang Bin, Fang Chuan-dong, Hao Gui-juan, Zhang Yang-yang

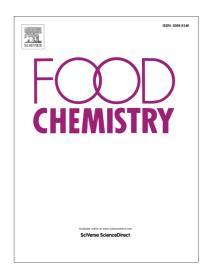
PII: S0308-8146(17)31749-1

DOI: https://doi.org/10.1016/j.foodchem.2017.10.112

Reference: FOCH 21935

To appear in: Food Chemistry

Received Date: 14 August 2017 Revised Date: 12 October 2017 Accepted Date: 22 October 2017



Please cite this article as: Bin, Z., Chuan-dong, F., Gui-juan, H., Yang-yang, Z., Effect of Kappa-carrageenan oligosaccharides on myofibrillar protein oxidation in peeled shrimp (*Litopenaeus vannamei*) during long-term frozen storage, *Food Chemistry* (2017), doi: https://doi.org/10.1016/j.foodchem.2017.10.112

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

1 Title: Effect of Kappa-carrageenan oligosaccharides on myofibrillar protein oxidation 2 in peeled shrimp (*Litopenaeus vannamei*) during long-term frozen storage 3 Author names: ZHANG Bin, FANG Chuan-dong, HAO Gui-juan, ZHANG 4 5 Yang-yang 6 7 Affiliations: Key Laboratory of Health Risk Factors for Seafood of Zhejiang Province, College of Food Science and Pharmacy, Zhejiang Ocean University 8 9 10 **Corresponding author\***: **ZHANG** Bin, Tel: +86-580-255-4781, E-mail: 11 zhangbin@zjou.edu.cn, or zhangbin\_ouc@163.com 12 Corresponding address\*: No.1, Haida South Road, Lincheng Changzhi Island, 13 Zhoushan, Zhejiang province, 316022 P.R.China 14 15 Chemical compounds studied in this article: Kappa-carrageenan (PubChem CID: 16 11966249); Tris (PubChem CID: 6503); Maleate (PubChem CID: 5284451); 17 18 2,4-Dinitrophenyl hydrazine (PubChem CID: 3772977); 5, 5'-Dithiobis 19 (2-nitrobenzoic acid) (PubChem CID: 6254); 1-Anilinonaphthalene-8-sulfonic acid 20 (PubChem CID: 1369); Osmium tetroxide (PubChem CID: 30318) 21 22

## Download English Version:

## https://daneshyari.com/en/article/7586310

Download Persian Version:

https://daneshyari.com/article/7586310

<u>Daneshyari.com</u>