Accepted Manuscript

Inhibitory effects of chitosan-based coatings on endogenous enzyme activities, proteolytic degradation and texture softening of grass carp (*Ctenopharyngodon idellus*) fillets stored at 4°C

Dawei Yu, Joe M. Regenstein, Jinhong Zang, Wenshui Xia, Yanshun Xu, Qixing Jiang, Fang Yang

PII: S0308-8146(18)30696-4

DOI: https://doi.org/10.1016/j.foodchem.2018.04.070

Reference: FOCH 22765

To appear in: Food Chemistry

Received Date: 14 November 2017 Revised Date: 28 March 2018 Accepted Date: 19 April 2018



Please cite this article as: Yu, D., Regenstein, J.M., Zang, J., Xia, W., Xu, Y., Jiang, Q., Yang, F., Inhibitory effects of chitosan-based coatings on endogenous enzyme activities, proteolytic degradation and texture softening of grass carp (*Ctenopharyngodon idellus*) fillets stored at 4°C, *Food Chemistry* (2018), doi: https://doi.org/10.1016/j.foodchem.2018.04.070

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	Inhibitory effects of chitosan-based coatings on endogenous enzyme activities,
2	proteolytic degradation and texture softening of grass carp (Ctenopharyngodon idellus
3	fillets stored at 4°C
4	
5	Running title: Endogenous enzyme activity, proteolysis and softening of fillets
6	
7	Dawei Yu a,b, Joe M. Regenstein b, Jinhong, Zang a, Wenshui Xia a,*, Yanshun Xu a,
8	Qixing Jiang ^a , Fang, Yang ^a
9	
10	^a State Key Laboratory of Food Science and Technology, School of Food Science and
11	Technology, Jiangnan University, Wuxi, Jiangsu 214122, China
12	^b Department of Food Science, Cornell University, Ithaca, NY14850, USA
13	
14	* Corresponding author. Tel.: + 86 510 85919121; fax: + 86 510 85329057.
15	E-mail address: xiaws@jiangnan.edu.cn (W. Xia).
16	
17	
18	
19	
20	
21	
22	

Download English Version:

https://daneshyari.com/en/article/7584771

Download Persian Version:

https://daneshyari.com/article/7584771

<u>Daneshyari.com</u>