

Accepted Manuscript

Title: Preparation and characterization of intelligent starch/PVA films for simultaneous colorimetric indication and antimicrobial activity for food packaging applications

Author: Bin Liu Han Xu Huiying Zhao Wei Liu Liyun Zhao Yuan Li



PII: S0144-8617(16)31237-1
DOI: <http://dx.doi.org/doi:10.1016/j.carbpol.2016.10.067>
Reference: CARP 11687

To appear in:

Received date: 1-8-2016
Revised date: 20-10-2016
Accepted date: 22-10-2016

Please cite this article as: Liu, Bin., Xu, Han., Zhao, Huiying., Liu, Wei., Zhao, Liyun., & Li, Yuan., Preparation and characterization of intelligent starch/PVA films for simultaneous colorimetric indication and antimicrobial activity for food packaging applications. *Carbohydrate Polymers* <http://dx.doi.org/10.1016/j.carbpol.2016.10.067>

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.

Preparation and characterization of intelligent starch/PVA films for simultaneous colorimetric indication and antimicrobial activity for food packaging applications

Bin Liu^{a,b,#}, Han Xu^{a,b,#}, Huiying Zhao^b, Wei Liu^b, Liyun Zhao^a, Yuan Li^{a,}*

^aBeijing Advanced Innovation Center for Food Nutrition and Human Health, Key Laboratory of Functional Dairy, College of Food Science and Nutritional Engineering, China Agricultural University, 100083, China;

^bCollege of Life Science and Technology, Beijing University of Chemical Technology, 100029, Beijing, China;

[#]Both authors contribute equally.

^{*}Corresponding author: yuanli@cau.edu.cn.

Tel: +86-10-62738589; Fax: +86-10-62736344

Download English Version:

<https://daneshyari.com/en/article/5157885>

Download Persian Version:

<https://daneshyari.com/article/5157885>

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