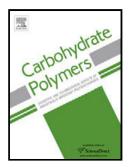
Accepted Manuscript

Title: In situ synthesis of new magnetite chitosan/carrageenan nanocomposites by electrostatic interactions for protein delivery applications



Author: Jie Long Xiaoqin Yu Enbo Xu Zhengzong Wu Xueming Xu Zhengyu Jin Aiquan Jiao

PII: DOI: Reference: S0144-8617(15)00471-3 http://dx.doi.org/doi:10.1016/j.carbpol.2015.05.058 CARP 9962

To appear in:

Received date:	3-2-2015
Revised date:	12-5-2015
Accepted date:	13-5-2015

Please cite this article as: Long, J., Yu, X., Xu, E., Wu, Z., Xu, X., Jin, Z., and Jiao, A., In situ synthesis of new magnetite chitosan/carrageenan nanocomposites by electrostatic interactions for protein delivery applications, *Carbohydrate Polymers* (2015), http://dx.doi.org/10.1016/j.carbpol.2015.05.058

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

Highlights

- Magnetite chitosan/carrageenan nanocomposites were prepared by in situ method.
 - Magnetic response of nanocomposites to an applied magnetic field was enhanced.
 - Mangnetite nanocomposites with excellent BSA adsorption capacity were obtained.
 - BSA loaded magnetite nanocomposites released in simulated intestinal medium.
- 6

1

3

4

5

7

Download English Version:

https://daneshyari.com/en/article/7787691

Download Persian Version:

https://daneshyari.com/article/7787691

Daneshyari.com