

Accepted Manuscript

Preparation and characterization of a chitosan film with grape seed extract-carvacrol microcapsules and its effect on the shelf-life of refrigerated Salmon (*Salmo salar*)

Vera L.C.D. Alves, Bruna P.M. Rico, Rui M.S. Cruz, António A. Vicente, Igor Khmelinskii, Margarida C. Vieira



PII: S0023-6438(17)30832-0

DOI: [10.1016/j.lwt.2017.11.013](https://doi.org/10.1016/j.lwt.2017.11.013)

Reference: YFSTL 6642

To appear in: *LWT - Food Science and Technology*

Received Date: 29 June 2017

Revised Date: 8 November 2017

Accepted Date: 9 November 2017

Please cite this article as: Alves, V.L.C.D., Rico, B.P.M., Cruz, R.M.S., Vicente, Antó.A., Khmelinskii, I., Vieira, M.C., Preparation and characterization of a chitosan film with grape seed extract-carvacrol microcapsules and its effect on the shelf-life of refrigerated Salmon (*Salmo salar*), *LWT - Food Science and Technology* (2017), doi: 10.1016/j.lwt.2017.11.013.

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 a chitosan film with
grape seed extract-carvacrol microcapsules and its effect
on the shelf-life of refrigerated Salmon (*Salmo salar*)

Vera L.C.D. Alves¹, Bruna P.M. Rico¹, Rui M.S. Cruz^{1,4,5}, António A. Vicente³,
Igor Khmelinski^{2,5} and Margarida C. Vieira^{1,4*}

Department of Food Engineering, Institute of Engineering, University of Algarve,
Campus da Penha, 8005-139 Faro, Portugal.

Tel: 351-289-800124 Fax: 351-289-888405

Center for Mediterranean Bioresources and Food (MeditBio), Faculty of Sciences and
Technology, University of Algarve, Campus de Gambelas, 8005-139 Faro, Portugal.

Tel: 351-289-800151 Fax: 351-289-888405

*Corresponding author:

E-mail: mvieira@ualg.pt

Submitted for publication to LWT-Food Science and Technology

1 Department of Food Engineering, Institute of Engineering, University of Algarve, Faro, Portugal.

2 Department of Chemistry and Pharmacy, Faculty of Science and Technology, University of Algarve,
Faro, Portugal.

3 CEB- Centre for Biological Engineering, Universidade do Minho, Campus de Gualtar, 4710-057 Braga,
Portugal.

4 MeditBio- Centre for Mediterranean Bioresources and Food, Faculty of Sciences and Technology,
University of Algarve, Faro, Portugal.

5 CIQA- Chemistry Research Centre of Algarve, Faculty of Sciences and Technology, University of
Algarve, Faro, Portugal.

Download English Version:

<https://daneshyari.com/en/article/8892034>

Download Persian Version:

<https://daneshyari.com/article/8892034>

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