Accepted Manuscript

Title: Changes in physicochemical properties and *in vitro* starch digestion of native and extruded maize flours subjected to branching enzyme and maltogenic α -amylase treatment

Authors: Laura Román, Mario M. Martínez, Cristina M. Rosell, Manuel Gómez

PII: S0141-8130(17)30173-3

DOI: http://dx.doi.org/doi:10.1016/j.ijbiomac.2017.03.109

Reference: BIOMAC 7275

To appear in: International Journal of Biological Macromolecules

Received date: 17-1-2017 Revised date: 10-3-2017 Accepted date: 20-3-2017

Please cite this article as: Laura Román, Mario M.Martínez, Cristina M.Rosell, Manuel Gómez, Changes in physicochemical properties and in vitro starch digestion of native and extruded maize flours subjected to branching enzyme and maltogenic α-amylase treatment, International Journal of Biological Macromoleculeshttp://dx.doi.org/10.1016/j.ijbiomac.2017.03.109

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

Changes in physicochemical properties and *in vitro* starch digestion of native and extruded maize flours subjected to branching enzyme and maltogenic α -amylase treatment

Laura Román*1, Mario M. Martínez1, 2, Cristina M. Rosell3, Manuel Gómez1

¹Food Technology Area. College of Agricultural Engineering, University of Valladolid, 34004 Palencia, Spain

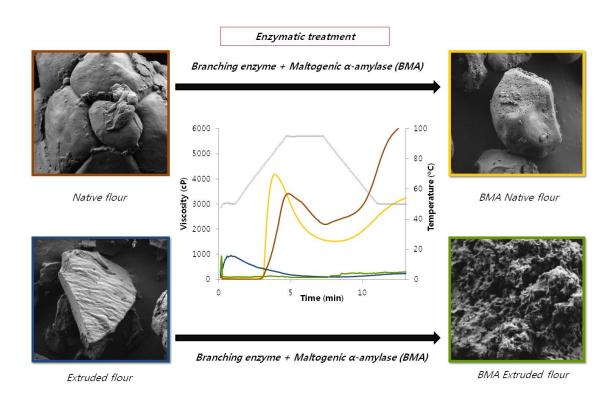
²Currently at: Whistler Center for Carbohydrate Research, Department of Food Science, Purdue University, 745 Agriculture Mall Drive, West Lafayette, IN 47907, USA.

³Institute of Agrochemistry and Food Technology (IATA-CSIC). Avda Agustin Escardino,

7. Paterna-46980, Spain.

*Corresponding author e-mail: laura.roman@iaf.uva.es

Graphical abstarct



Download English Version:

https://daneshyari.com/en/article/5511960

Download Persian Version:

https://daneshyari.com/article/5511960

<u>Daneshyari.com</u>