

## Accepted Manuscript

Title: Optimization of resistant starch formation from high amylose corn starch by microwave irradiation treatments and characterization of starch preparations

Author: Selime Mutlu Kevser Kahraman Serpil Öztürk



PII: S0141-8130(16)31240-5  
DOI: <http://dx.doi.org/doi:10.1016/j.ijbiomac.2016.11.097>  
Reference: BIOMAC 6790

To appear in: *International Journal of Biological Macromolecules*

Received date: 15-8-2016  
Revised date: 21-10-2016  
Accepted date: 23-11-2016

Please cite this article as: Selime Mutlu, Kevser Kahraman, Serpil Öztürk, Optimization of resistant starch formation from high amylose corn starch by microwave irradiation treatments and characterization of starch preparations, *International Journal of Biological Macromolecules* <http://dx.doi.org/10.1016/j.ijbiomac.2016.11.097>

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.

**Optimization of resistant starch formation from high amylose corn starch by microwave irradiation treatments and characterization of starch preparations**

Selime Mutlu<sup>a</sup>, Kevser Kahraman<sup>b</sup>, Serpil Öztürk<sup>a\*</sup>

<sup>a</sup> *Department of Food Engineering, Faculty of Engineering, Sakarya University, Esentepe Campus, 54187, Sakarya, Turkey*

<sup>b</sup> *Department of Material Science and Nanotechnology Engineering, Faculty of Engineering, Abdullah Gul University, 38200, Kocasinan, Kayseri, Turkey*

\* Corresponding author: Serpil Ozturk, Assistant Professor

Address: Sakarya University, Faculty of Engineering,

Department of Food Engineering,

54187 Esentepe, Sakarya, Turkey

Phone : + 90 264 2955926

Fax : + 90 264 2955601

E-mail: sozturk@sakarya.edu.tr

**Running Title:** Optimization of resistant starch formation by microwave irradiation

Download English Version:

<https://daneshyari.com/en/article/5512445>

Download Persian Version:

<https://daneshyari.com/article/5512445>

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