

## Accepted Manuscript

Title: Electrochemical characterization of gelatinized starch dispersions: Voltammetry and electrochemical impedance spectroscopy on platinum surface

Author: C. Hernandez-Jaimes C. Lobato-Calleros E. Sosa  
L.A. Bello-Pérez E.J. Vernon-Carter J. Alvarez-Ramirez



PII: S0144-8617(15)00100-9  
DOI: <http://dx.doi.org/doi:10.1016/j.carbpol.2015.02.002>  
Reference: CARP 9657

To appear in:

Received date: 16-12-2014  
Revised date: 4-2-2015  
Accepted date: 4-2-2015

Please cite this article as: Hernandez-Jaimes, C., Lobato-Calleros, C., Sosa, E., Bello-Pérez, L. A., Vernon-Carter, E. J., and Alvarez-Ramirez, J., Electrochemical characterization of gelatinized starch dispersions: Voltammetry and electrochemical impedance spectroscopy on platinum surface, *Carbohydrate Polymers* (2015), <http://dx.doi.org/10.1016/j.carbpol.2015.02.002>

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.

1 (Corrected Manuscript No. CARBPOL-D-14-03133)

2  
3 *Running Title: Electrochemical properties of starch dispersions*

4  
5 **Electrochemical characterization of gelatinized starch dispersions: Voltammetry and**  
6 **electrochemical impedance spectroscopy on platinum surface**

7  
8  
9 C. Hernandez-Jaimes<sup>a</sup>, C. Lobato-Calleros<sup>b</sup>, E. Sosa<sup>c</sup>, L.A. Bello-Pérez<sup>d</sup>, E.J. Vernon-Carter<sup>e</sup>  
10 and J. Alvarez-Ramirez<sup>e 1</sup>

11  
12  
13 (a) Departamento de Ingeniería Agroindustrial. Posgrado en Ciencia y Tecnología  
14 Agroalimentaria. Universidad Autónoma Chapingo, Km 38.5 Carretera México-Texcoco,  
15 Texcoco 56230, México.

16 (b) Departamento de Preparatoria Agrícola, Universidad Autónoma Chapingo, Km 38.5 Carretera  
17 México-Texcoco, Texcoco 56230, México.

18 (c) Instituto Mexicano del Petróleo, Programa de Investigación en Integridad de Ductos, Lázaro  
19 Cárdenas No. 152, Col. San Bartolo Atepehuacan, México, D. F., 07730 México.

20 (d) Centro de Desarrollo de Productos Bióticos, Instituto Politécnico Nacional, Carr. Yautepec-  
21 Jojutla km. 8.5, San Isidro, Yautepec Morelos, 62731 México.

22 (e) División de Ciencias Básicas e Ingeniería, Universidad Autónoma Metropolitana-Iztapalapa.  
23 Apartado Postal 55-534, Iztapalapa, 09340 México.

24  
25  
26  
27  
28  

---

<sup>1</sup> **Corresponding Author.** Fax/Phone: +52-55-58044650. Email Address: [jjar@xanum.uam.mx](mailto:jjar@xanum.uam.mx)

Download English Version:

<https://daneshyari.com/en/article/7788795>

Download Persian Version:

<https://daneshyari.com/article/7788795>

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