

Accepted Manuscript

Determination of kinetic parameters of the enzymatic reaction between soybean peroxidase and natural antioxidants using chemometric tools

Jimena Claudia Lopez, María Alicia Zon, Héctor Fernández, Adrian Marcelo Granero, Sebastián Noel Robledo

PII: S0308-8146(18)31565-6

DOI: <https://doi.org/10.1016/j.foodchem.2018.08.145>

Reference: FOCH 23487

To appear in: *Food Chemistry*

Received Date: 10 May 2018

Revised Date: 29 August 2018

Accepted Date: 31 August 2018



Please cite this article as: Lopez, J.C., Zon, M.A., Fernández, H., Granero, A.M., Robledo, S.N., Determination of kinetic parameters of the enzymatic reaction between soybean peroxidase and natural antioxidants using chemometric tools, *Food Chemistry* (2018), doi: <https://doi.org/10.1016/j.foodchem.2018.08.145>

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 **Determination of kinetic parameters of the enzymatic reaction between soybean**
2 **peroxidase and natural antioxidants using chemometric tools**

3

4

5

6

7

8

9 Jimena Claudia Lopez^a, María Alicia Zon^{a*}, Héctor Fernández^a, Adrian Marcelo
10 Granero^a, Sebastián Noel Robledo^{a,b*}

11

12 ^aGrupo de Electroanalítica (GEANA), Departamento de Química, Facultad de Ciencias
13 Exactas, Físico-Químicas y Naturales, Universidad Nacional de Río Cuarto, Agencia
14 Postal N° 3- (5800)-Río Cuarto, Argentina.

15 ^b Departamento de Tecnología Química, Facultad de Ingeniería, Universidad Nacional
16 de Río Cuarto, Agencia Postal N° 3- (5800)-Río Cuarto, Argentina.

17

18

19 * Corresponding Authors

20 Phone number: 54-358-467-6585

21 Fax number: 54-358-467-6233

22 E-mail addresses: jlopez@exa.unrc.edu.ar (J. C. Lopez), azon@exa.unrc.edu.ar (M. A.
23 Zon), hfernandez@exa.unrc.edu.ar (H. Fernández), agranero@exa.unrc.edu.ar (A. M.
24 Granero), srobledo@ing.unrc.edu.ar (S. N. Robledo).

25

Download English Version:

<https://daneshyari.com/en/article/10154417>

Download Persian Version:

<https://daneshyari.com/article/10154417>

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