Accepted Manuscript

Kinetic desorption models for the release of nanosilver from an experimental nanosilver coating on polystyrene food packaging

Joseph Christopher Hannon, Joseph P. Kerry, Malco Cruz-Romero, Shafrina Azlin-Hasim, Michael Morris, Enda Cummins

PII: S1466-8564(16)30455-6

DOI: doi: 10.1016/j.ifset.2017.07.001

Reference: INNFOO 1784

To appear in: Innovative Food Science and Emerging Technologies

Received date: 14 October 2016 Revised date: 30 May 2017 Accepted date: 3 July 2017

Please cite this article as: Joseph Christopher Hannon, Joseph P. Kerry, Malco Cruz-Romero, Shafrina Azlin-Hasim, Michael Morris, Enda Cummins, Kinetic desorption models for the release of nanosilver from an experimental nanosilver coating on polystyrene food packaging, *Innovative Food Science and Emerging Technologies* (2017), doi: 10.1016/j.ifset.2017.07.001

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

Kinetic desorption models for the release of nanosilver from an experimental nanosilver coating on polystyrene food packaging

Joseph Christopher Hannon^a

^a School of Biosystems and Food Engineering, Agriculture and Food Science Centre, University College Dublin, Belfield, Dublin 4, Ireland

Joseph P. Kerry^b

^b Food Packaging Group, School of Food & Nutritional Sciences, University College Cork, Cork, Ireland

Malco Cruz-Romero^b

^b Food Packaging Group, School of Food & Nutritional Sciences, University College Cork, Cork, Ireland

Shafrina Azlin-Hasim^{b,d}

^b Food Packaging Group, School of Food & Nutritional Sciences, University College Cork, Cork, Ireland

^d School of Food Science and Technology, Universiti Malaysia Terengganu, 21030 Kuala Terengganu, Terengganu, Malaysia

Michael Morris^{c,e}

^c Department of Chemistry, University College Cork, Cork, Ireland

^eAMBER, CRANN, Trinity College Dublin, Dublin, Ireland

Enda Cummins^{a*}

^a School of Biosystems and Food Engineering, Agriculture and Food Science Centre, University College Dublin, Belfield, Dublin 4, Ireland

(Tel.: +353 1 7167476; e-mail: enda.cummins@ucd.ie)

Download English Version:

https://daneshyari.com/en/article/8415637

Download Persian Version:

https://daneshyari.com/article/8415637

<u>Daneshyari.com</u>