Accepted Manuscript

Development of a highly sensitive and selective molecularly imprinted electrochemical sensor for sulfaguanidine detection in honey samples



Nadia El Alami El Hassani, Eduard Llobet, Laura-Madalina Popescu, Mihai Ghita, Benachir Bouchikhi, Nezha El Bari

PII:	S1572-6657(18)30477-6
DOI:	doi:10.1016/j.jelechem.2018.07.011
Reference:	JEAC 4161
To appear in:	Journal of Electroanalytical Chemistry
Received date:	28 May 2018
Revised date:	3 July 2018
Accepted date:	7 July 2018

Please cite this article as: Nadia El Alami El Hassani, Eduard Llobet, Laura-Madalina Popescu, Mihai Ghita, Benachir Bouchikhi, Nezha El Bari , Development of a highly sensitive and selective molecularly imprinted electrochemical sensor for sulfaguanidine detection in honey samples. Jeac (2018), doi:10.1016/j.jelechem.2018.07.011

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

Development of a highly sensitive and selective molecularly imprinted electrochemical sensor for sulfaguanidine detection in honey samples

Nadia El Alami El Hassani ^{a,b}, Eduard Llobet ^c, Laura-Madalina Popescu ^d, Mihai Ghita ^d, Benachir Bouchikhi ^b, Nezha El Bari ^{a,*}

^a Biotechnology Agroalimentary and Biomedical Analysis Group, Moulay Ismaïl University, Faculty of Sciences, Biology Department, B.P. 11201, Zitoune, Meknes 50000, Morocco.

^b Sensor Electronic and Instrumentation Group, Moulay Ismaïl University, Faculty of Sciences, Physics Department, B.P. 11201, Zitoune, Meknes 50000, Morocco.

^c MINOS-EMaS, Department of Electronics Engineering, Universitat Rovira i Virgili, Avda. Països Catalans, 26, Tarragona 43007, Spain.

^d Nanostructurated Materials Laboratory, National R&D Institute for Non-Ferrous and Rare Metals, Pantelimon, Ilfov, Romania.

* Corresponding Author

Postal address: B.P. 11201, Zitoune, 50003, Meknes, Morocco.

Tel: +212 535 53 88 70; Fax: +212 535 51 09 54

Email: n_elbari@hotmail.com

Download English Version:

https://daneshyari.com/en/article/6661674

Download Persian Version:

https://daneshyari.com/article/6661674

Daneshyari.com