## **Accepted Manuscript**

Title: Disposable and portable electrochemical aptasensor for label free detection of aflatoxin B1 in alcoholic beverages

Author: K. Yugender Goud Gaëlle Catanante Akhtar Hayat Satyanarayana M. K. Vengatajalabathy Gobi Jean Louis Marty

PII: S0925-4005(16)30797-3

DOI: http://dx.doi.org/doi:10.1016/j.snb.2016.05.112

Reference: SNB 20271

To appear in: Sensors and Actuators B

Received date: 13-3-2016 Revised date: 12-5-2016 Accepted date: 23-5-2016

Please cite this article as: K.Yugender Goud, Gaëlle Catanante, Akhtar Hayat, Satyanarayana M., K.Vengatajalabathy Gobi, Jean Louis Marty, Disposable and portable electrochemical aptasensor for label free detection of aflatoxin B1 in alcoholic beverages, Sensors and Actuators B: Chemical http://dx.doi.org/10.1016/j.snb.2016.05.112

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

### Disposable and portable electrochemical aptasensor for label free detection of aflatoxin

#### B1 in alcoholic beverages

<u>K. Yugender Goud</u><sup>a, b</sup>, Gaëlle Catanante<sup>a</sup>, Akhtar Hayat<sup>a, c</sup>, Satyanarayana M<sup>b</sup>, K. Vengatajalabathy Gobi<sup>b</sup>, Jean Louis Marty\*, <sup>a</sup>

a - BAE Laboratory, Université de Perpignan Via Domitia, 52 Avenue Paul Alduy, Perpignan 66860, France b - Department of Chemistry, National Institute of Technology, Warangal, Telangana -506004, India.

 $C\ -\ Interdisciplinary\ Research\ Centre\ in\ Biomedical\ Materials\ (IRCBM),$ 

 $COMSATS\ Institute\ of\ Information\ Technology\ (CIIT),\ Lahore\ 54000,\ Pakistan$ 

Emails: jlmarty@univ-perp.fr

#### Download English Version:

# https://daneshyari.com/en/article/7143258

Download Persian Version:

https://daneshyari.com/article/7143258

<u>Daneshyari.com</u>