Accepted Manuscript

Title: Thiol-Capped Gold Nanoparticles: Influence of Capping Amount on Electrochemical Behavior and Potential Application as Voltammetric Sensor for Diltiazem

Author: Ava Gevaerd Fabio R. Caetano Paulo R. Oliveira

Aldo J.G. Zarbin Márcio F. Bergamini Luiz H.

Marcolino-Junior

PII: S0925-4005(15)00771-6

DOI: http://dx.doi.org/doi:10.1016/j.snb.2015.06.010

Reference: SNB 18573

To appear in: Sensors and Actuators B

Received date: 13-3-2015 Revised date: 22-5-2015 Accepted date: 2-6-2015

Please cite this article as: A. Gevaerd, F.R. Caetano, P.R. Oliveira, A.J.G. Zarbin, M.F. Bergamini, L.H. Marcolino-Junior, Thiol-Capped Gold Nanoparticles: Influence of Capping Amount on Electrochemical Behavior and Potential Application as Voltammetric Sensor for Diltiazem, *Sensors and Actuators B: Chemical* (2015), http://dx.doi.org/10.1016/j.snb.2015.06.010

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

Thiol-Capped Gold Nanoparticles: Influence of Capping Amount on Electrochemical Behavior and Potential Application as Voltammetric Sensor for Diltiazem

Ava Gevaerd^a, Fabio R. Caetano^a, Paulo R. Oliveira^a, Aldo J. G. Zarbin^b, Márcio F. Bergamini^a and Luiz H. Marcolino-Junior*^a

a- Laboratório de Sensores Eletroquímicos (LabSensE), Departamento de Química, Universidade Federal do Paraná (UFPR), CEP 81.531-980, Curitiba-PR, Brazil.

b - Grupo de Química de Materiais (GQM), Departamento de Química, Universidade Federal do Paraná (UFPR), CEP 81.531-980, Curitiba-PR, Brazil.

*email address: <u>luiz1berto@ufpr.br</u>

Telephone number: +55 41 3361-3177

Fax number: +55 41 3361-3186

Download English Version:

https://daneshyari.com/en/article/7145761

Download Persian Version:

https://daneshyari.com/article/7145761

<u>Daneshyari.com</u>