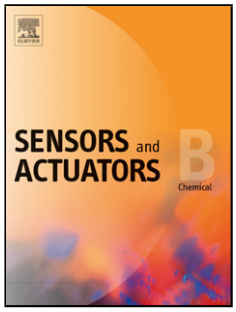
Accepted Manuscript



Title: Real time detection of adenosine and theophylline in urine and blood samples using graphene modified electrode

Authors: Srinivasan Kesavan, N.S.K. Gowthaman, Subbiah Alwarappan, S. Abraham John

PII: S0925-4005(18)31689-7
DOI: https://doi.org/10.1016/j.snb.2018.09.069
Reference: SNB 25375

To appear in: *Sensors and Actuators B*

Received date: 26-3-2018
Revised date: 11-9-2018
Accepted date: 15-9-2018

Please cite this article as: Kesavan S, Gowthaman NSK, Alwarappan S, John SA, Real time detection of adenosine and theophylline in urine and blood samples using graphene modified electrode, *Sensors and amp; Actuators: B. Chemical* (2018), https://doi.org/10.1016/j.snb.2018.09.069

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

Real time detection of adenosine and theophylline in urine and blood samples using graphene modified electrode

Srinivasan Kesavan[a], N.S.K. Gowthaman[b], Subbiah Alwarappan[a*], S. Abraham John[b*]

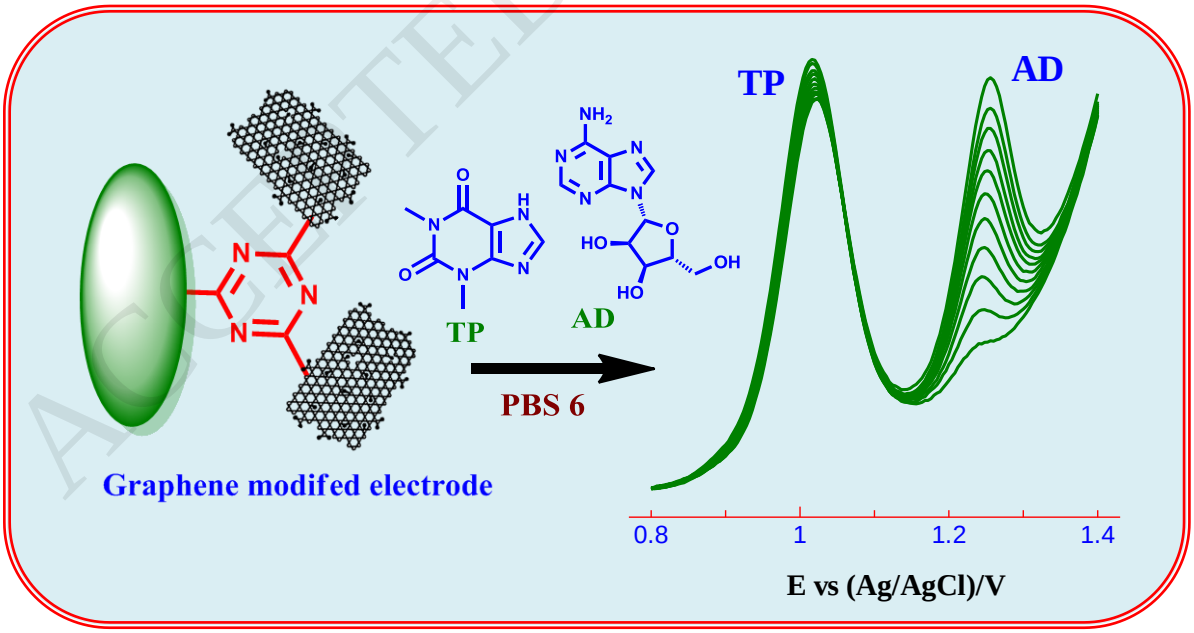
[a] Electrodics and Electrocatalysis Division, CSIR-Central Electrochemical Research Institute, Karaikudi –630 003, Tamil Nadu, India

[b] Centre for Nanoscience and Nanotechnology, Department of Chemistry, The Gandhigram Rural Institute, Gandhigram–624 302, Dindigul, Tamil Nadu, India.

*Corresponding author: Tel: +91 451 245 2371; Fax : + 91 451 245 3031

E-mail: abrajohn@yahoo.co.in (S.A. John), alwarappan@cecri.res.in (A. Subbiah)

Graphical abstract



Download English Version:

https://daneshyari.com/en/article/10226368

Download Persian Version:

https://daneshyari.com/article/10226368

Daneshyari.com