Accepted Manuscript

Curcumin-quinone immobilised carbon black modified electrode prepared by in-situ electrochemical oxidation of curcuminphytonutrient for mediated oxidation and flow injection analysis of sulfide



Bose Dinesh, K.S. Shalini Devi, Annamalai Senthil Kumar

PII: DOI: Reference:	S1572-6657(17)30680-X doi:10.1016/j.jelechem.2017.09.054 JEAC 3548
To appear in:	Journal of Electroanalytical Chemistry
Received date:	29 June 2017
Revised date:	23 September 2017
Accepted date:	26 September 2017

Please cite this article as: Bose Dinesh, K.S. Shalini Devi, Annamalai Senthil Kumar, Curcumin-quinone immobilised carbon black modified electrode prepared by in-situ electrochemical oxidation of curcumin-phytonutrient for mediated oxidation and flow injection analysis of sulfide. The address for the corresponding author was captured as affiliation for all authors. Please check if appropriate. Jeac(2017), doi:10.1016/j.jelechem.2017.09.054

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

Curcumin-quinone immobilized carbon black modified electrode prepared by in-situ electrochemical oxidation of curcumin-phytonutrient for mediated oxidation and flow injection analysis of sulfide

Bose Dinesh^a, K. S. Shalini Devi^a and Annamalai Senthil Kumar^{a,b}*

^aNano and Bioelectrochemistry Research Laboratory, Department of Chemistry, School of Advanced Sciences, Vellore Institute of Technology University, Vellore – 632 014, Tamil Nadu,

India

^cCarbon dioxide and Green Technology Research Centre, Vellore Institute of Technology University, Vellore – 632 014, Tamil Nadu, India

Corresponding Author's E-mails: askumarchem@yahoo.com & askumar@vit.ac.in (A.S.

Kumar) and phone number; +91-416-2202754

Present address: Carbon dioxide and Green Technology Research Centre, Vellore Institute of Technology University, Vellore – 632 014, Tamil Nadu, India Download English Version:

https://daneshyari.com/en/article/4907581

Download Persian Version:

https://daneshyari.com/article/4907581

Daneshyari.com