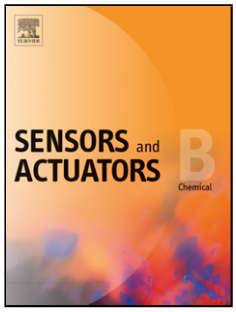

Title: A highly sensitive electrochemical determination of L-tryptophan in the presence of ascorbic acid and uric acid using in situ addition of tetrabutylammonium bromide on the ß-cyclodextrin incorporated multi-walled carbon nanotubes modified electrode

Authors: Siriboon Mukdasai, Suta Poosittisak, Wittaya Ngeontae, Supalax Srijaranai

PII: S0925-4005(18)31119-5
DOI: https://doi.org/10.1016/j.snb.2018.06.014
Reference: SNB 24851

To appear in: *Sensors and Actuators B*

Received date: 5-2-2018
Revised date: 16-5-2018
Accepted date: 3-6-2018

Please cite this article as: Mukdasai S, Poosittisak S, Ngeontae W, Srijaranai S, A highly sensitive electrochemical determination of <ce:small-caps>l</ce:small-caps>-tryptophan in the presence of ascorbic acid and uric acid using in situ addition of tetrabutylammonium bromide on the ß-cyclodextrin incorporated multi-walled carbon nanotubes modified electrode, *Sensors and Actuators: B. Chemical* (2018), https://doi.org/10.1016/j.snb.2018.06.014

A highly sensitive electrochemical determination of L-tryptophan in the presence of ascorbic acid and uric acid using in situ addition of tetrabutylammonium bromide on the ß-cyclodextrin incorporated multi-walled carbon nanotubes modified electrode

Siriboon Mukdasai[a]*, Suta Poosittisak [a], Wittaya Ngeontae [a], Supalax Srijaranai[a]

[a]*Materials Chemistry Research Center, Department of Chemistry and Center of Excellence for Innovation in Chemistry, Faculty of Science, Khon Kaen University, Khon Kaen 40002, Thailand.*

* Corresponding author
Tel : +6643 – 202376 to 136
Fax : +6643 – 202376
E-mail address: Siriboon Mukdasai (Sirimuk@kku.ac.th)

Graphical abstract