

Accepted Manuscript

Title: A poly-(melamine)/poly-(glutamic acid) based electrochemical sensor for sensitive determination of 2-Thioxanthine

Authors: Mamta Raj, Rajendra N. Goyal



PII: S0925-4005(17)30822-5
DOI: <http://dx.doi.org/doi:10.1016/j.snb.2017.05.009>
Reference: SNB 22293

To appear in: *Sensors and Actuators B*

Received date: 6-2-2017
Revised date: 19-4-2017
Accepted date: 4-5-2017

Please cite this article as: Mamta Raj, Rajendra N.Goyal, A poly-(melamine)/poly-(glutamic acid) based electrochemical sensor for sensitive determination of 2-Thioxanthine, *Sensors and Actuators B: Chemical* <http://dx.doi.org/10.1016/j.snb.2017.05.009>

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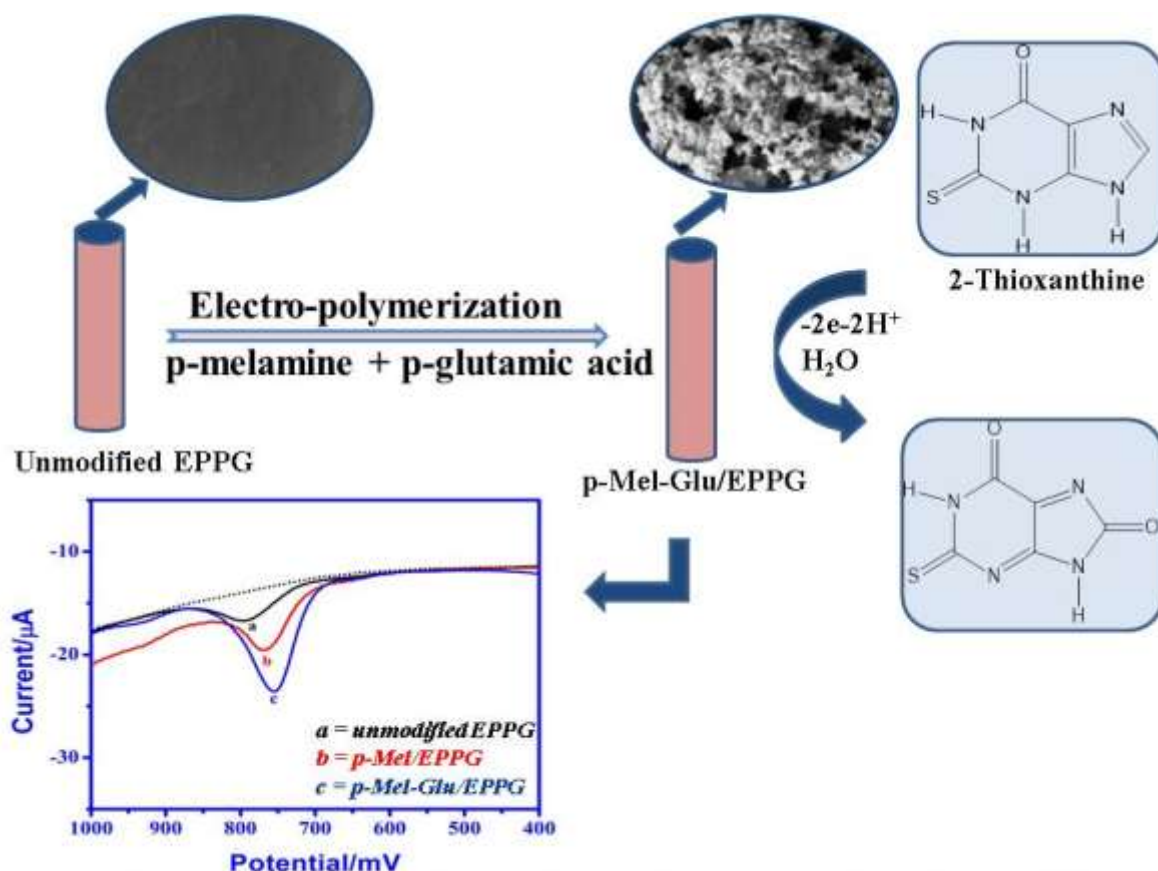
A poly-(melamine)/poly-(glutamic acid) based electrochemical sensor for sensitive determination of 2-Thioxanthine

Mamta Raj, Rajendra N Goyal*

Department of Chemistry, Indian Institute of Technology Roorkee, Roorkee -247667 (India)

*E.Mail: rngcyfcy@iitr.ac.in, Tel: +91-1332-285794 (O) Fax: +91-1332-273560

Graphical Abstract



Determination of 2-Thioxanthine using p-melamine doped p-glutamic acid modified EPPG .

Highlights:

- A polymelamine film doped polyglutamic acid based pyrolytic graphite sensor has been fabricated.
- The sensor surface was characterized by using FE-SEM, EIS, CV and SWV techniques.
- The doped nanocomposite polymer film possesses high electrocatalytic activity and excellent selectivity towards the determination of 2-TX.
- The analytical applicability of the fabricated sensor has been demonstrated by determination of 2-TX in biological fluids.

Abstract

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