

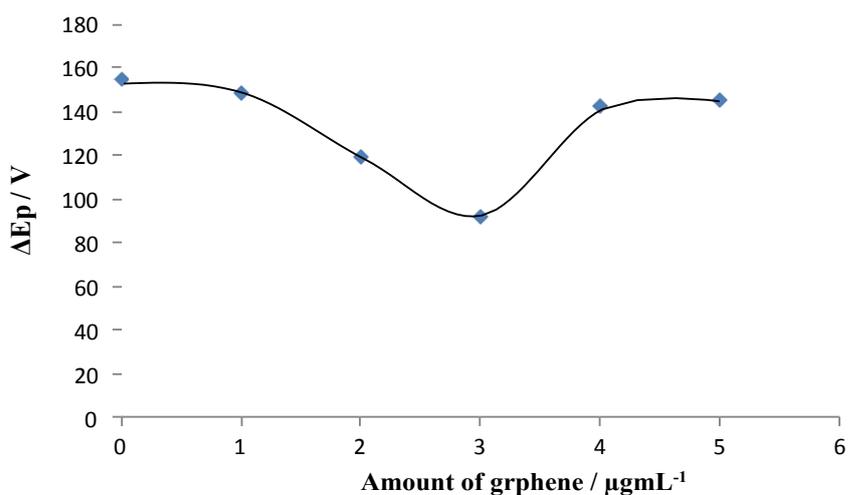
New Journal of Chemistry

Electronic Supplementary Information

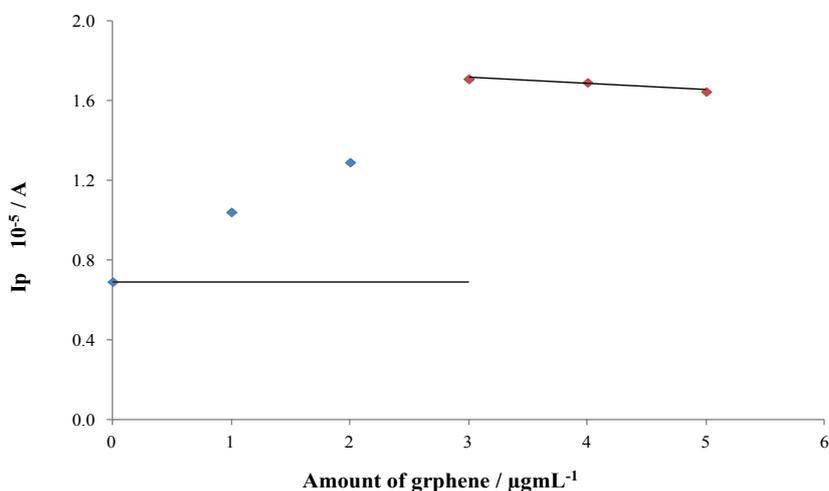
Electrocatalytic redox behavior of graphene film towards acebutolol hydrochloride
determination in real samples

Atmanand M. Bagoji and Sharanappa T. Nandibewoor*

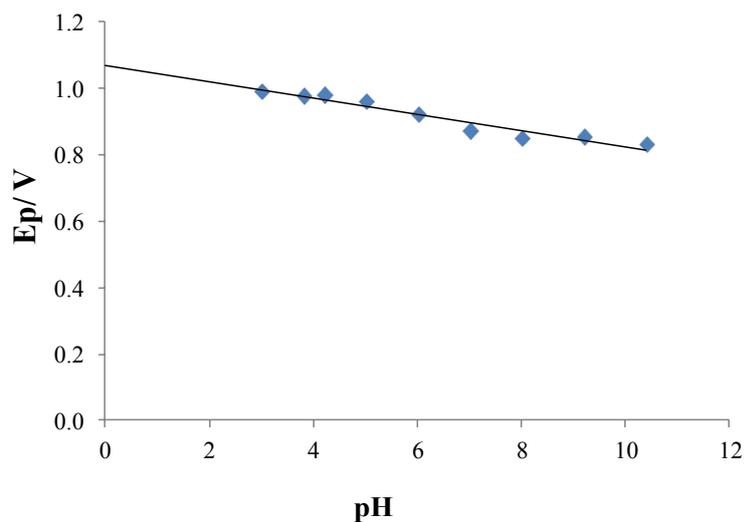
P. G. Department of studies in chemistry, Karnatak University, Dharwad-580003, India



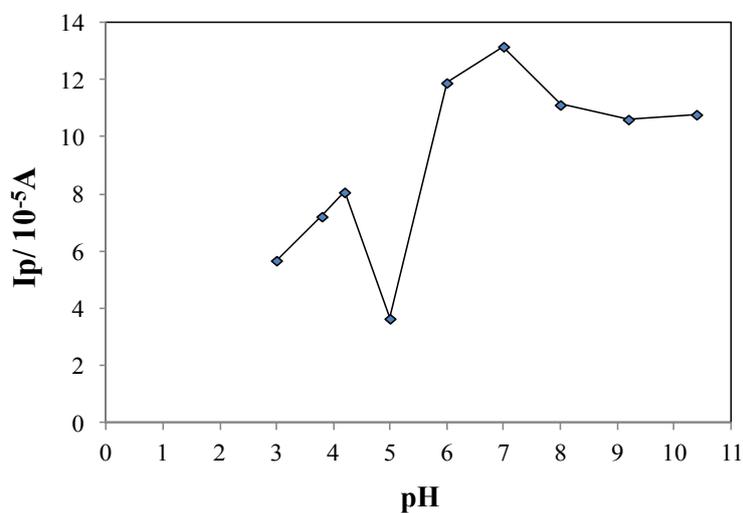
ESI Fig. 1 Variation of ΔE_p with the amount of graphene deposited onto the surface of GCE



ESI Fig. 2 Variation of peak current with the amount of graphene deposited onto the surface of GCE



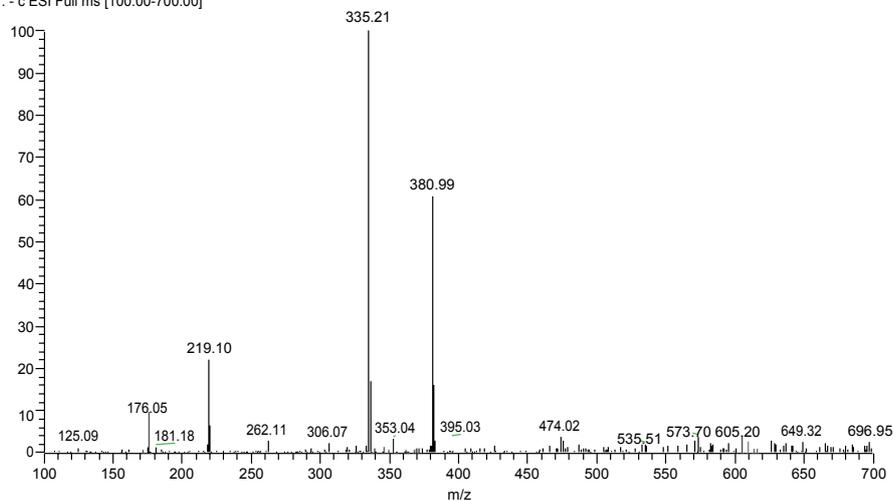
ESI Fig. 3 The plot of variation of peak (peak B) potential E_p (V) with pH for 1.0mM ACBT at GF-GCE

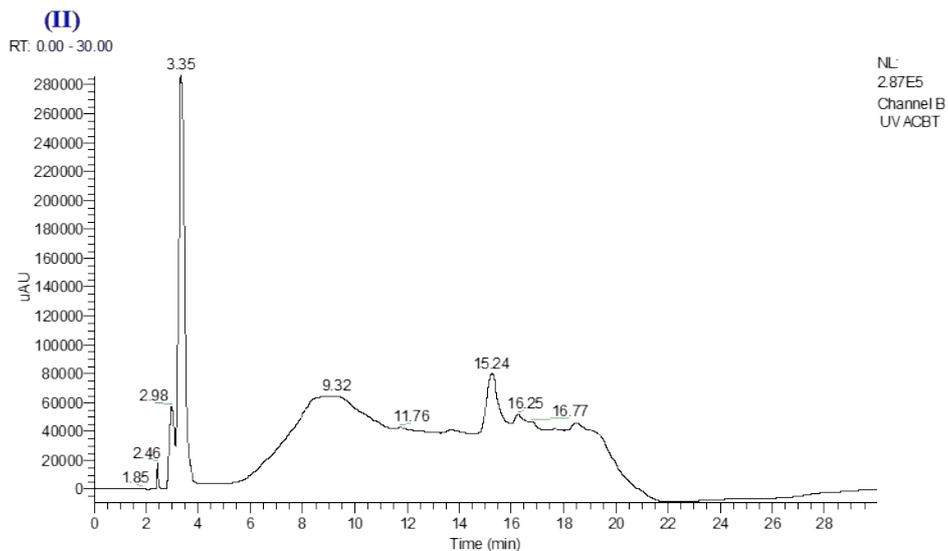


ESI Fig. 4 The plot of variation of peak current (peak B) of 1.0 mM ACBT at GF-GCE with pH.

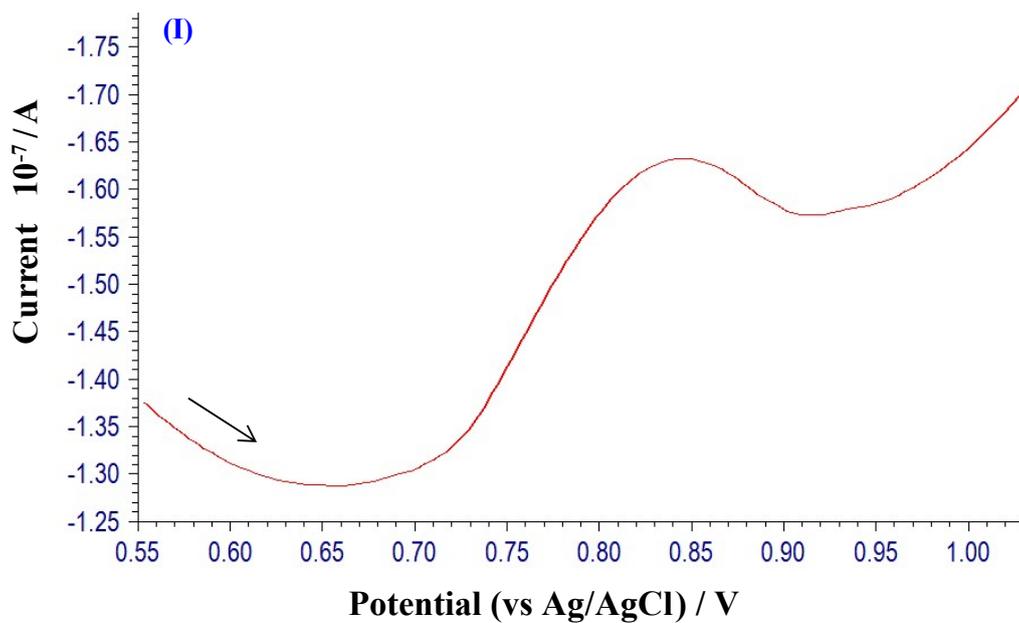
(I)

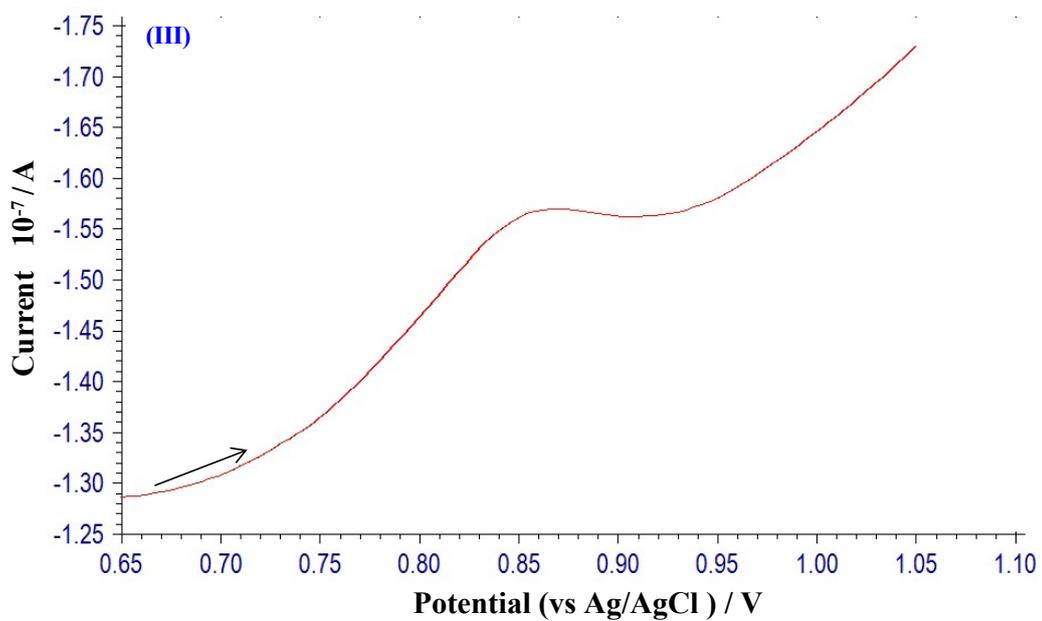
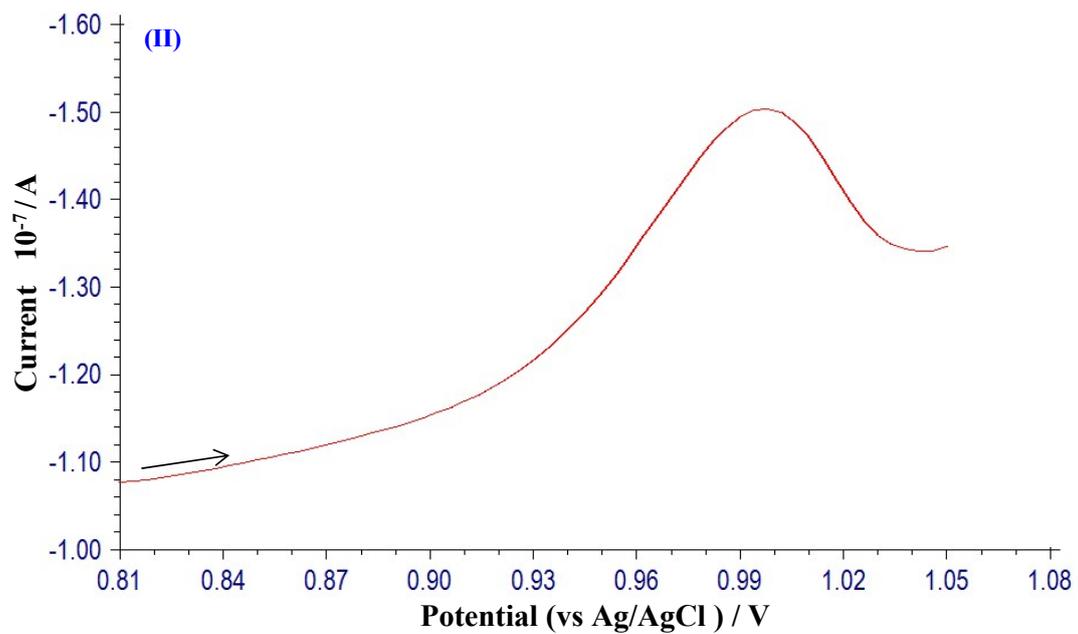
ACBT #114-137 RT: 3.13-3.73 AV: 12 SB: 99 3.98-7.31 , 0.42-2.53 NL: 2.03E6
T: - c ESI Full ms [100.00-700.00]





ESI Fig. 5(I) ESI-mass spectrum of electrolysed product and (II) Chromatogram of the electrolysed product of ACBT.





ESI Fig. 6 The effect of excipients (I) uric acid, (II) ascorbic acid and (III) dopamine on the voltammogram of ACBT