

Figure S1: (A) Chronoamperograms of TAM at Al₂O₃-NPs/MWCNTs/CPE in BR buffer (0.04 M) pH 4.0, containing: 10, 50, 70 and 100 ng/ml TAM. (B) The plot of i (μA) against $t^{-1/2}$ ($\text{S}^{-1/2}$) for different concentrations of TAM. (C) The plot of the resulted slopes in (B) against the concentrations of TAM.

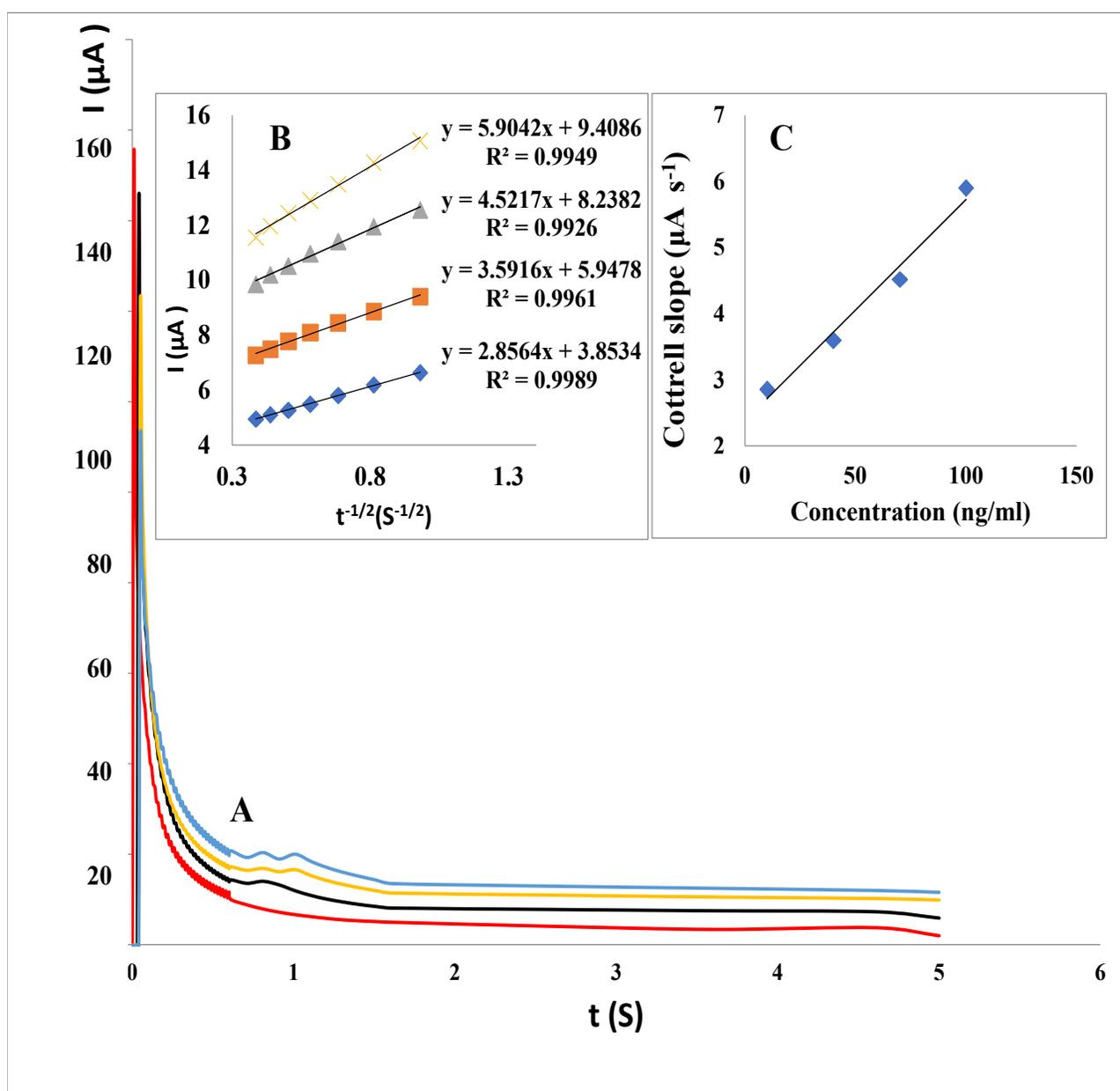


Figure S2: (A) Chronoamperograms of SOL at Al₂O₃-NPs/MWCNTs/CPE in BR buffer (0.04 M) pH 4.0, containing: 10, 70, 50 and 125 ng/ml SOL. (B) The plot of I (μA) against $t^{-1/2}$ ($\text{S}^{-1/2}$) for different concentrations of SOL. (C) The plot of the resulted slopes in (B) against the concentrations of SOL.

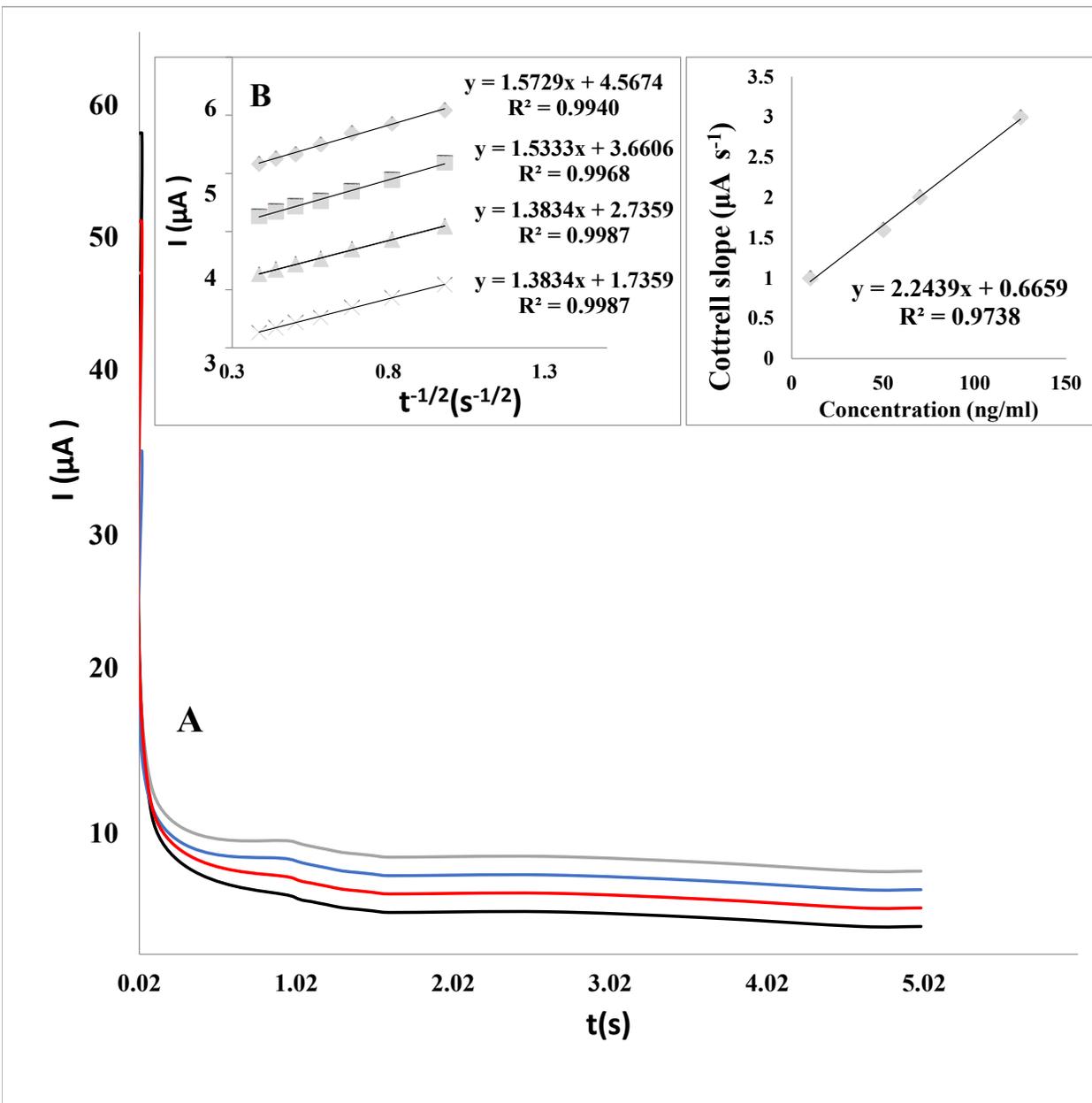


Figure S3: Reproducibility of Al₂O₃-NPs/MWCNTs/CPE in BR buffer pH 4.0, containing 100 ng/ml TAM (A) and 125 ng/ml SOL(B)

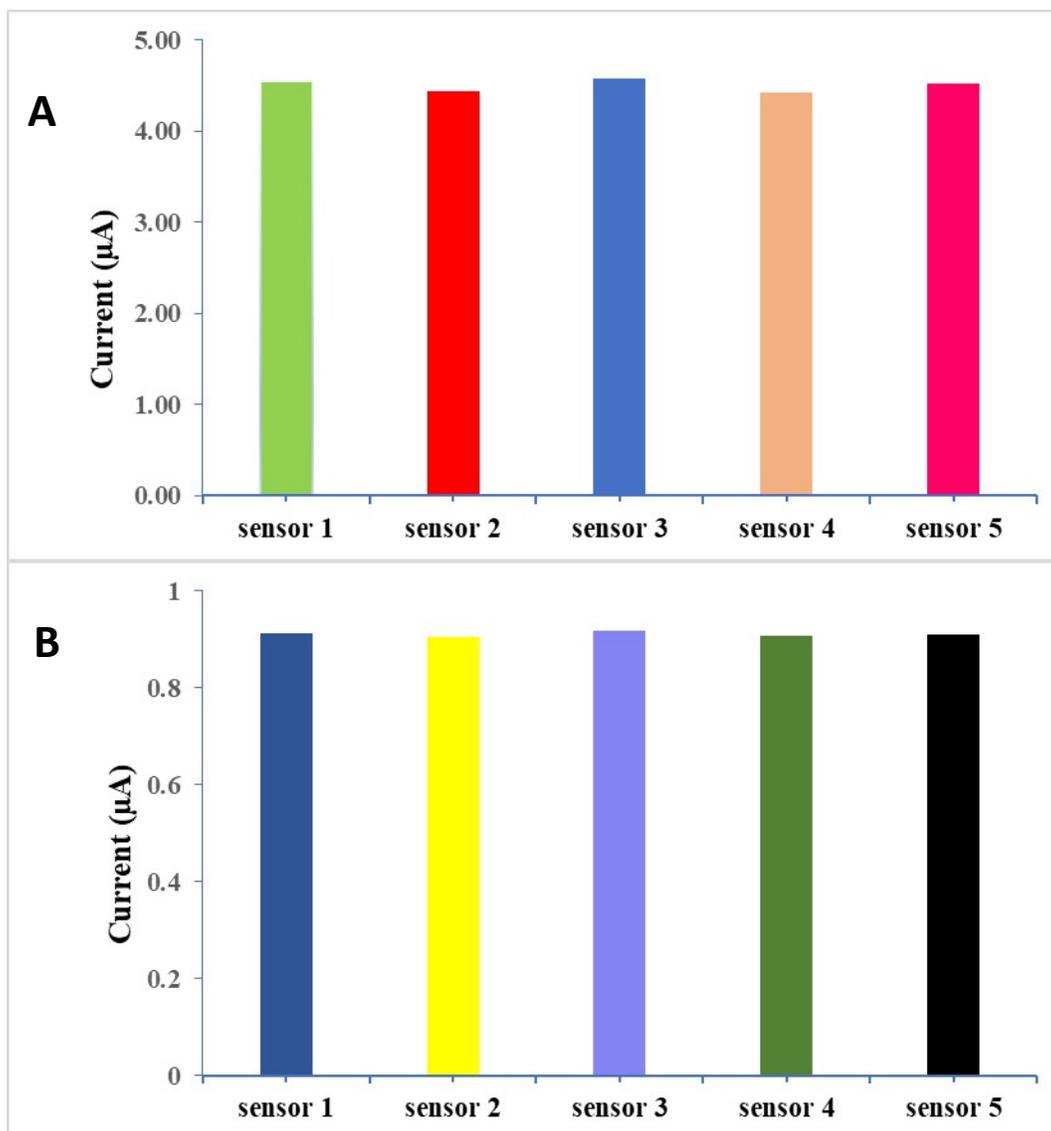


Figure S4: Stability of Al₂O₃-NPs/MWCNTs/CPE in BR buffer pH 4.0, containing 100 ng/ml TAM (A) and 125 ng/ml SOL(B)

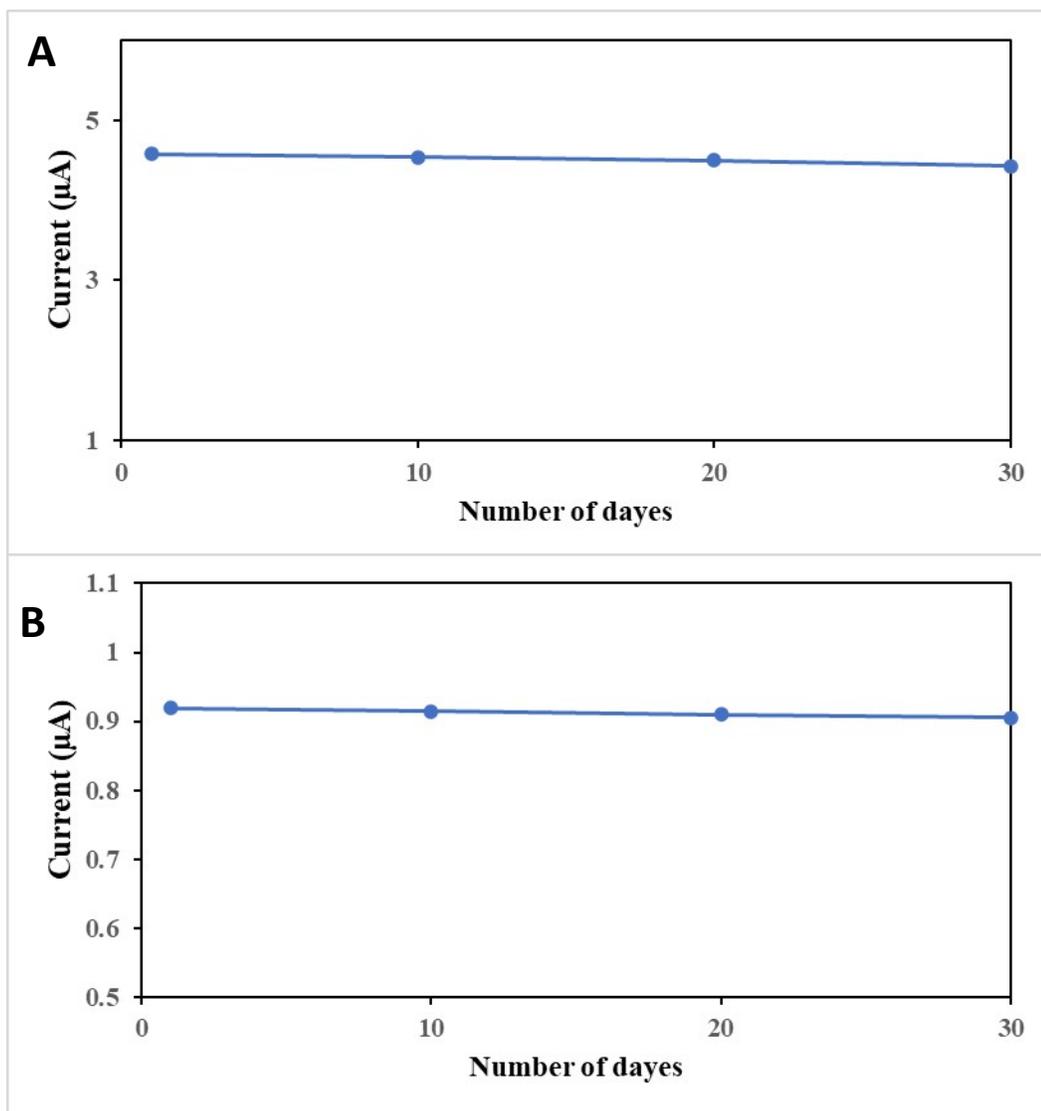


Figure S5: Square wave voltammogram for TAM and SOL at Al₂O₃-NPs/MWCNTs/CPE in BR buffer (0.04 M) pH 4.0 and scan rate of 100 mV/s.

