Electronic supplementary data

Voltammetric Sensor Based on SeO_2 Nanoparticles and Surfactants for Indigo Carmine Determination

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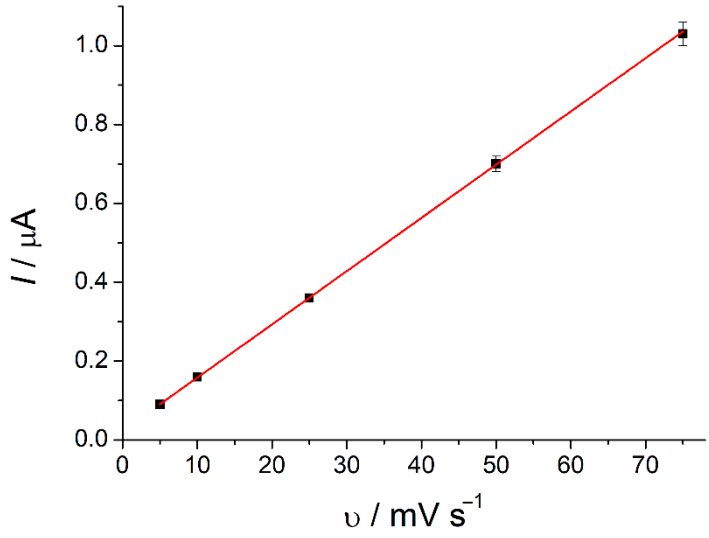
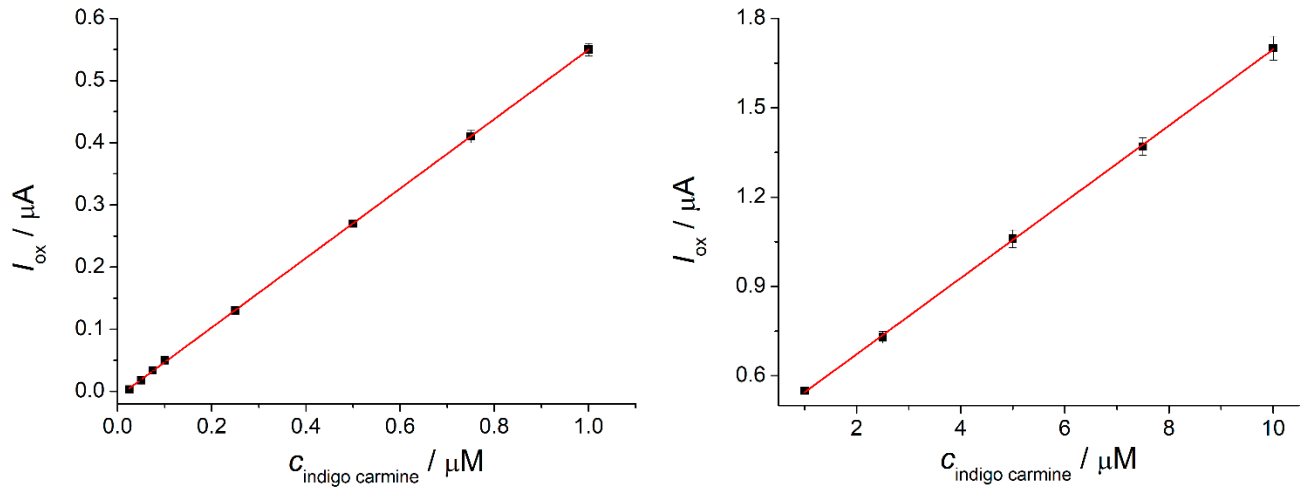


(**a**) (**b**)

Figure S1. Effect of potential scan rate on the oxidation currents of 50 μM indigo carmine at the SeO_2–CPB/GCE in phosphate buffer pH 5.0: (**a**) Plot of oxidation current vs. potential scan rate; (**b**) Plot of the Napierian logarithm of oxidation current vs. Napierian logarithm of the potential scan rate.



(**a**) (**b**)

Figure S2. Calibration plots of indigo carmine at the the SeO_2–CPB/GCE in phosphate buffer pH 5.0: (**a**) in the concentration range of 0.025–1.0 μM; (**b**) in the concentration range of 1.0–10 μM.