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## An oxygen-deficient tin oxide-modified electrode for nanomolar detection of chloramphenicol

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Fig. S1 FESEM images of SnO<sub>2</sub>(A,B) and DSnO<sub>2</sub>(C,D).



Fig. S2 Elemental mapping of SnO<sub>2</sub> (A-C) and DSnO<sub>2</sub> (D-F).



Fig. S3 shows the CV response for varying amounts of DSnO<sub>2</sub> loaded GCE in 0.1 M PBS (pH 6) in the presence of 0.1 mM CPL.



Fig. S4 EIS of bare GCE, SnO<sub>2</sub>/GCE, and DSnO<sub>2</sub>/GCE.



Fig. S5: DPV results of  $DSnO_2/GCE$  in water, milk, and honey samples with a standard addition of 2, 6, and 8  $\mu$ M of CPL.



Fig. S6. Chromatographic results of CPL at different concentrations in various real samples (water, milk, and honey) prepared in PBS buffer (pH 6).