ESI Figure 1.

Nyquist plot recorded using the redox probe Fe(CN)₆³⁻/⁴⁻ / 0.1 M KCl at CPE, BCG/CPE and MWCNT/BCG/CPE. Inset: circuit for the electrochemical impedance spectroscopy data. The frequency range is from 100 mHz to 100 kHz. The inset shows the equivalent circuit.
ESI Figure 2.

(A) Cyclic voltammograms of $1.0 \times 10^{-3}$ mol L$^{-1}$ LIN in pH 7 buffer using a MWCNT/BCG/CPE sensor recorded at various scan rates: 10-100 mV s$^{-1}$. Inset A: plot of $I_p$ vs. $v^{1/2}$. Inset B: plot of $E_p$ vs. log $v$. 

![Cyclic voltammograms and plots](image)
ESI Figure 3.
Chronoamperograms for the electrochemical oxidation of different concentrations LIN using a MWCNT/BCG/CPE sensor in a pH 7 buffer. Potential step: +0.950 V vs. Ag/AgCl. The numbers 1 to 5 in the Cottrell plot (inset A) correspond to 2.50, 25.00, 50, 100.00 and 125.00 x 10^{-6} mol L^{-1} of LIN, respectively. Inset B shows the variation of chronoamperometric currents at t = 30 s vs. LIN concentration.
ESI Figure 4.
DPV of MWCNT/BCG/CPE in a pH 7 buffer containing 10 µmol L$^{-1}$ LIN in the presence of AA (49 µmol L$^{-1}$) and UA (137 µmol L$^{-1}$). Scan rate: 10 mV/s.

![Graph showing the DPV of MWCNT/BCG/CPE with peaks labeled AA, UA, and LIN. The x-axis represents E/V (vs Ag/AgCl) ranging from -0.4 to 1.2, and the y-axis represents I/µA ranging from 0 to 25.](image-url)