

Electronic Supplemental Section

(Φ) Control Experiments:

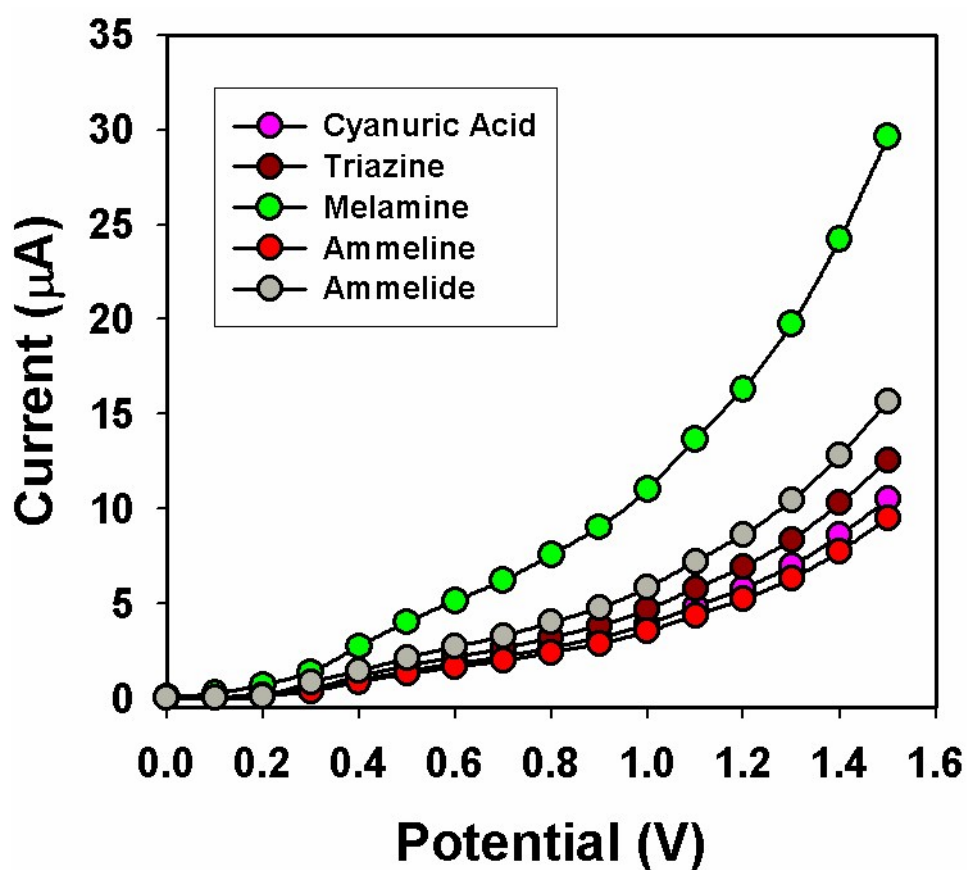


Fig. S1: Electrochemical response with similar compound by using Ag/ZnO/Nafion/GCE sensor materials in identical conditions.

(Ψ) Stability of the sensor:

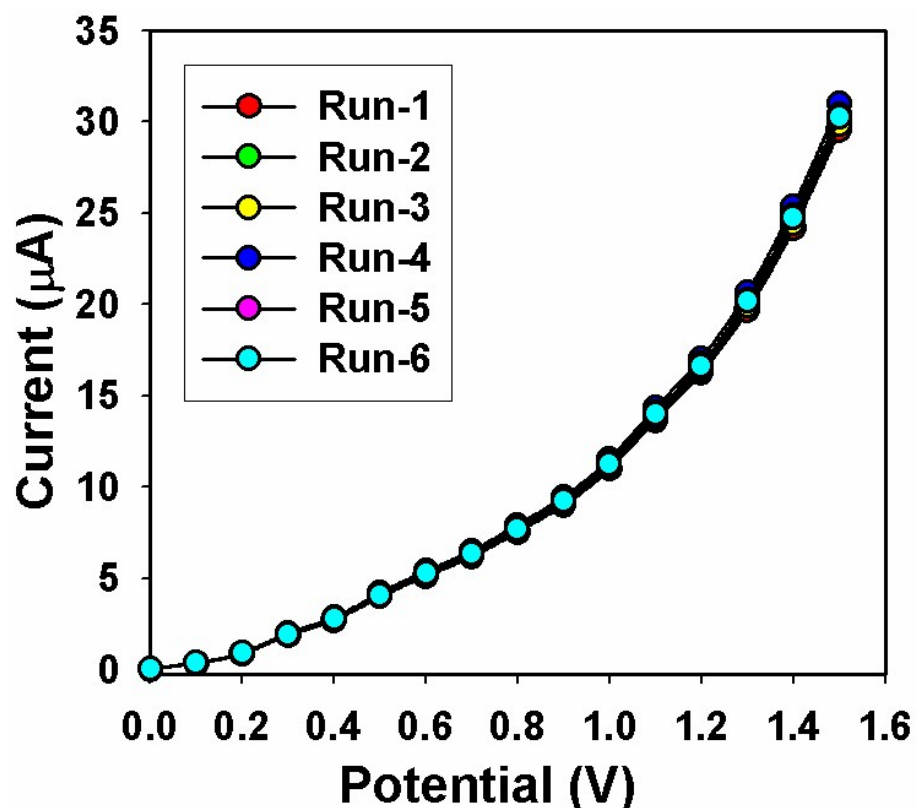


Fig. S2: Stability of the Ag/ZnO/Nafion/GCE fabricated sensor was studied for detection of melamine with different time interval (30 mins) from Run-1 to Run-6 in identical conditions.