

## Supporting information

### **Copper oxide nanorods derived metal-organic framework nanocomposite, a new tool for the determination of furazolidone**

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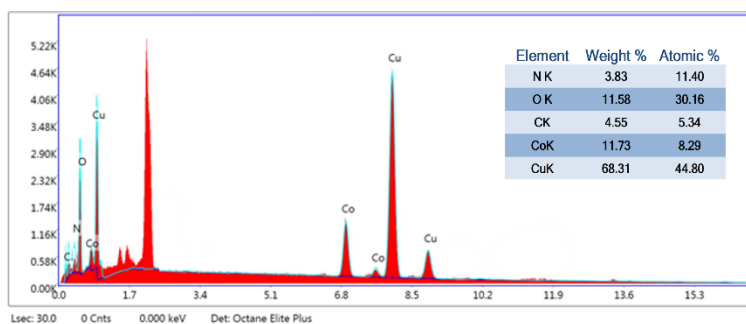
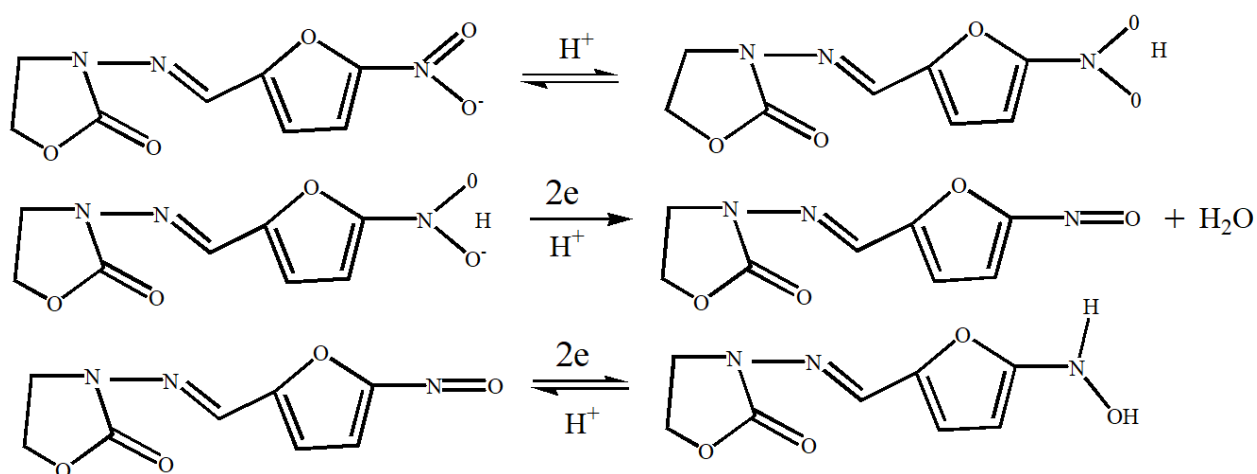


Fig. S1: EDX of ZIF-67@CuO nanorods



Schematic S1: The possible mechanism for the reduction of FUZ on the ZIF-67@CuO/GCE sensor.

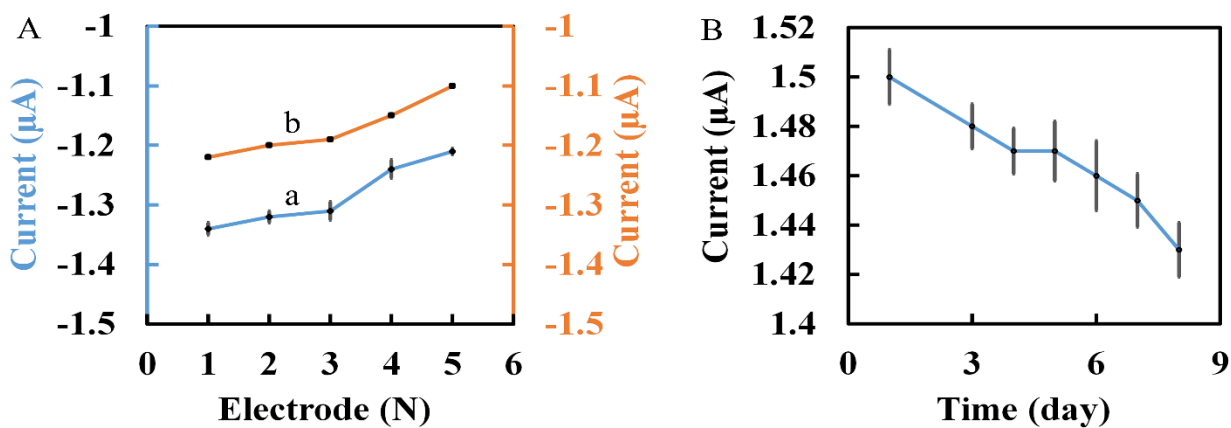


Fig. S2: (A) The reduction peak currents to determine  $0.1 \mu\text{mol L}^{-1}$  FUZ (a) different electrodes and (b) one electrode after different washes; (B) The reduction peak currents of  $0.1 \mu\text{mol L}^{-1}$  FUZ at different times.

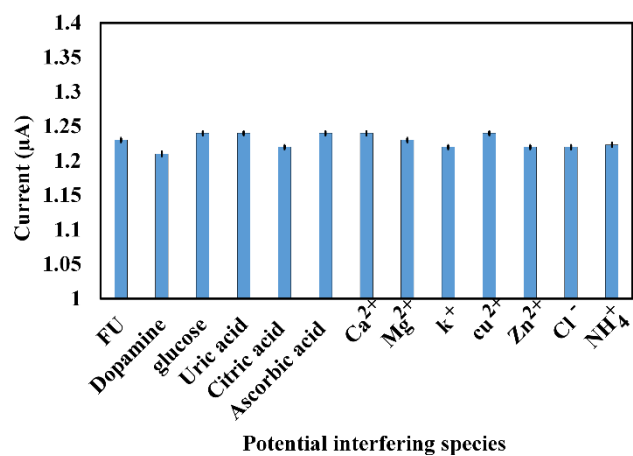


Fig. S3: Interference studies from  $0.1 \mu\text{mol L}^{-1}$  FUZ detection in presence common potential interfering species.