

**A Simple Approach to Fabricate High-Sensitive Lead (II) Ions
Electrochemical Sensor Based on Plate-Shaped Cu-BTC and Particle-Shaped
Fe-BTC**

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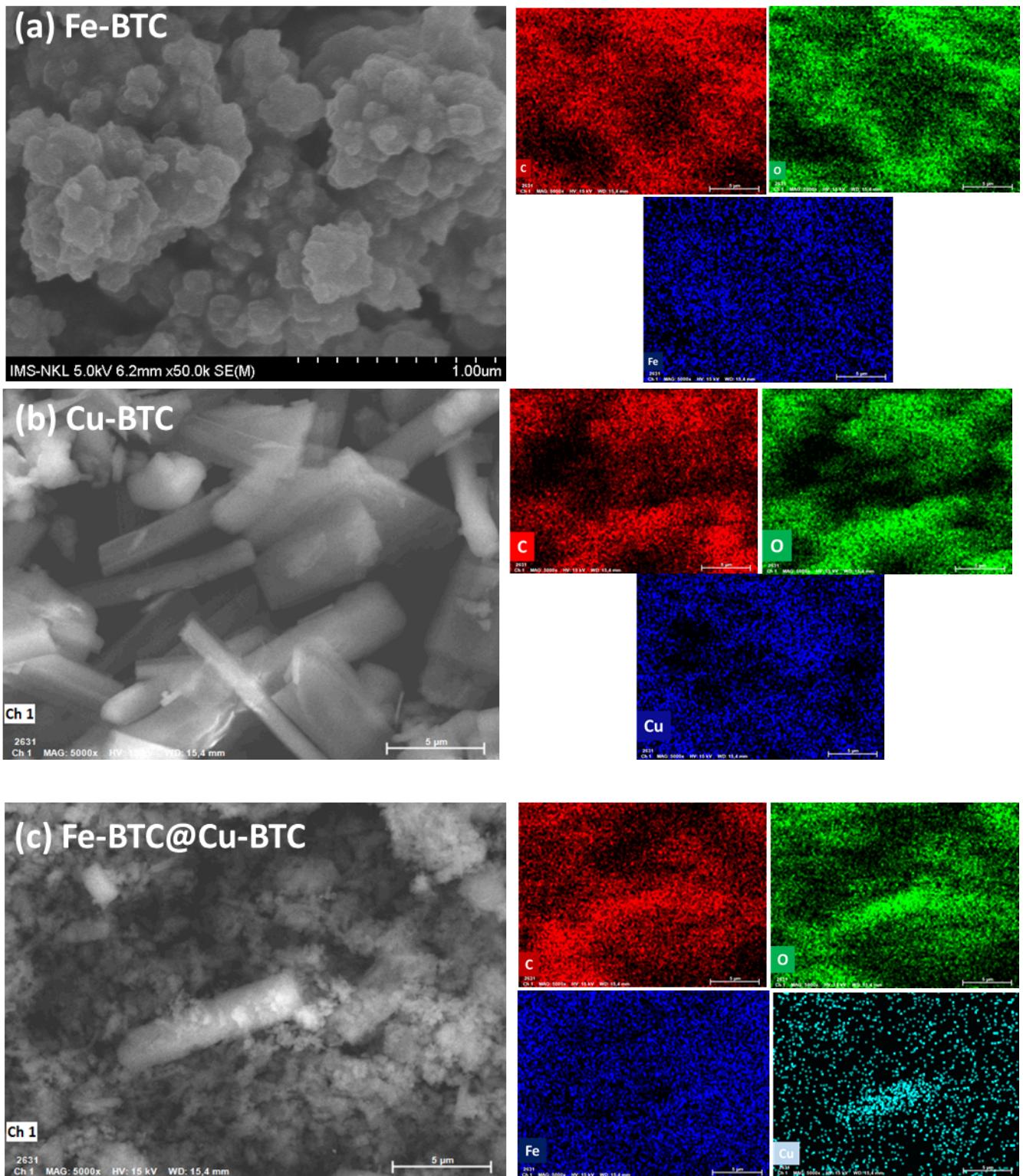


Figure S1. SEM images and elemental distribution maps (EDS maps) of C, O, Cu, and Fe at the synthesized samples

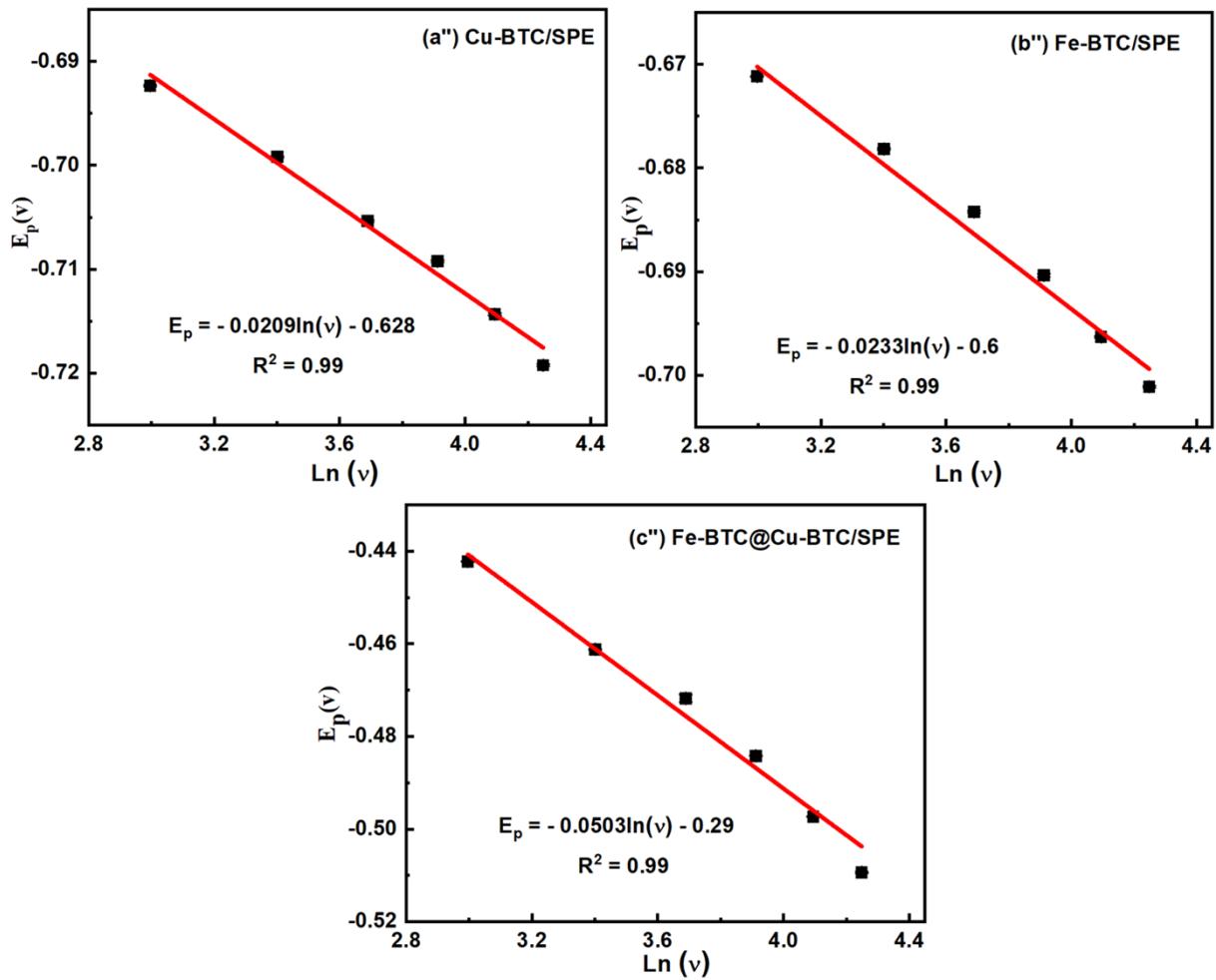


Figure S2. The calibration plots between E_p and $\ln(v)$ from CV curves of 10 ppm Pb^{2+} at the modified SPE in 0.1 M AcB buffer (pH 4) solution at different scan rates.