

## Supplementary Materials

# Green Synthesis of Iron-Doped Cobalt Oxide Nanoparticles from Palm Kernel Oil via Co-precipitation and Structural Characterization

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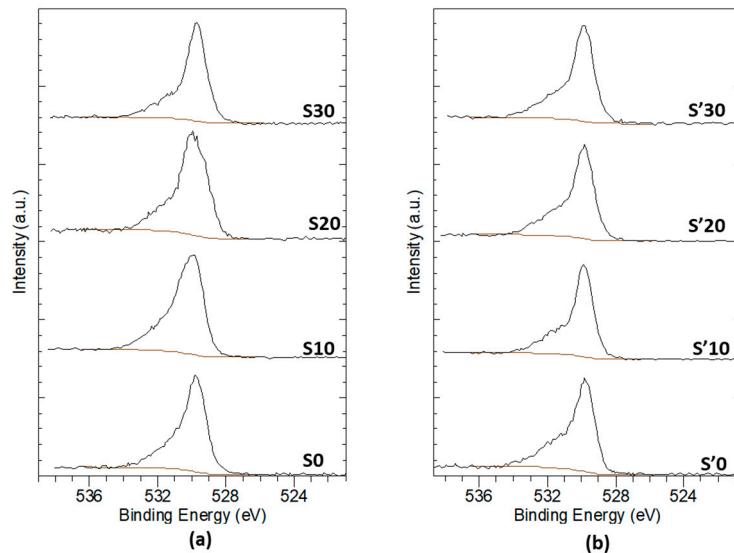
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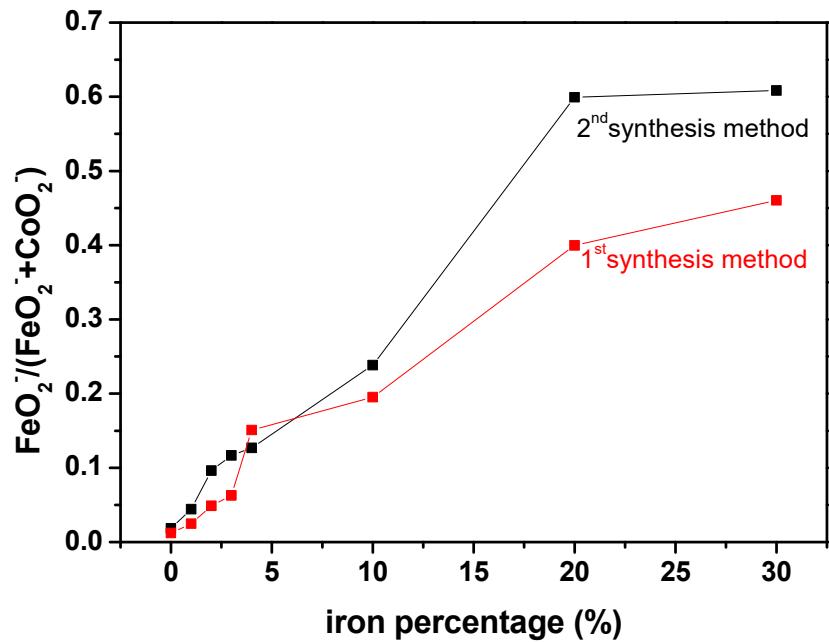
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**Figure S1.** High resolution XPS spectra showing the O 1s lines of samples (a) S0, S10, S20, S30 and (b) S'0, S'10, S'20, S'30.



**Figure S2.** SIMS intensity ratio  $\text{FeO}_2^- / (\text{FeO}_2^- + \text{CoO}_2^-)$  with the increasing amount of iron, measured on calcined samples obtained with the 1st synthesis method and the 2nd synthesis method.