

Production of pharmaceutical aglycone compounds from plant-based glycosides using acid-functionalized magnetic nanocatalyst: a sustainable approach

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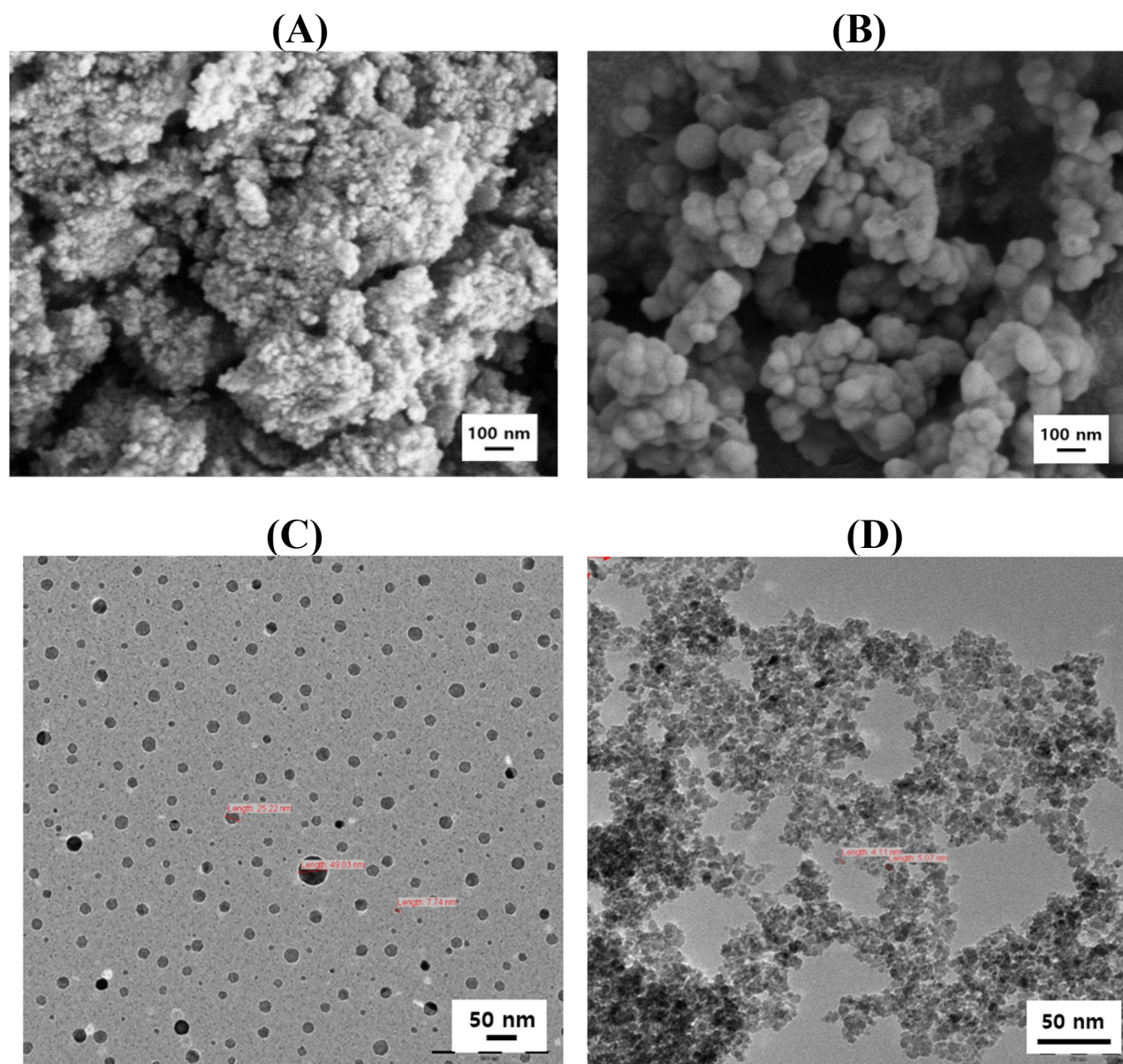


Figure S1. SEM (A and B) and TEM (C and D) analysis of CoFe₂O₄ and CoFe₂O₄-Si nanocatalyst, respectively.

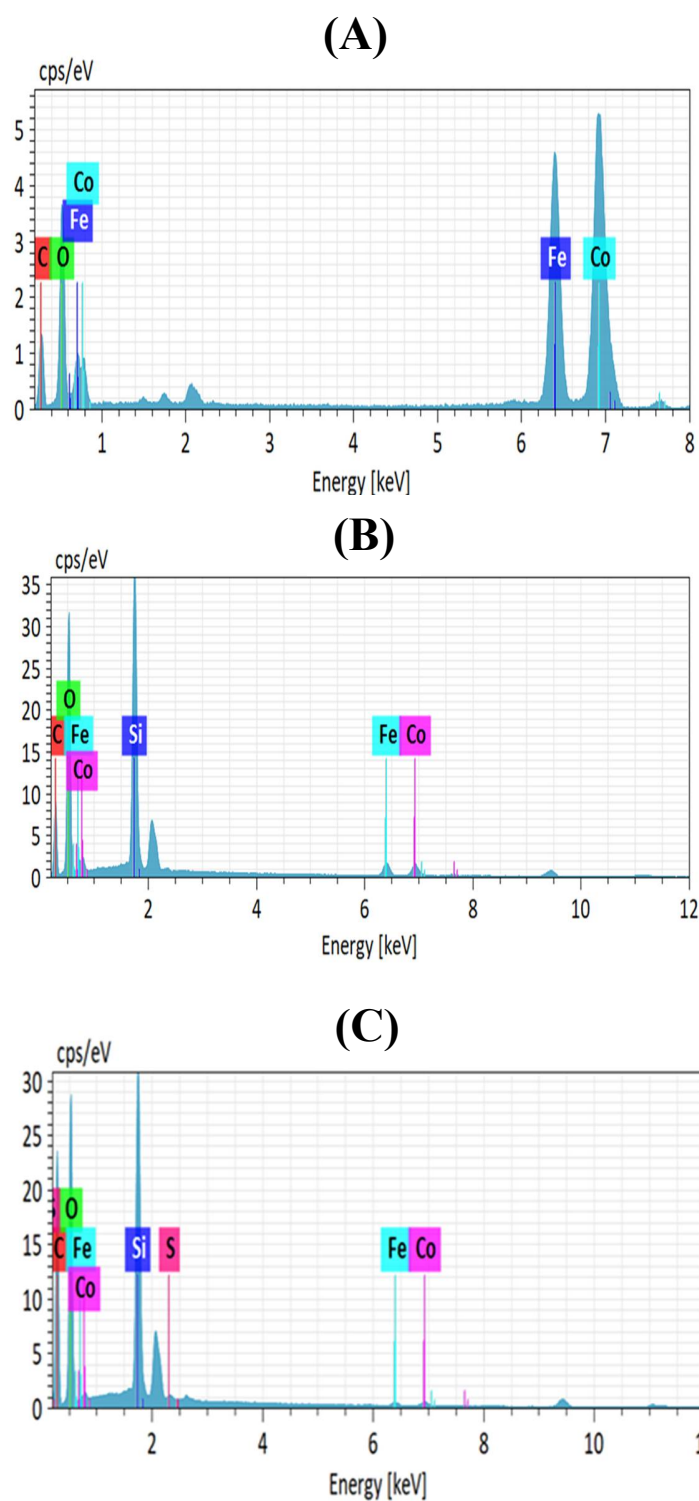


Figure S2. EDX analysis of the synthesized nanoparticles: (A) CoFe_2O_4 , (B) $\text{CoFe}_2\text{O}_4\text{-Si}$, and (C) $\text{CoFe}_2\text{O}_4\text{-Si-ASA}$.

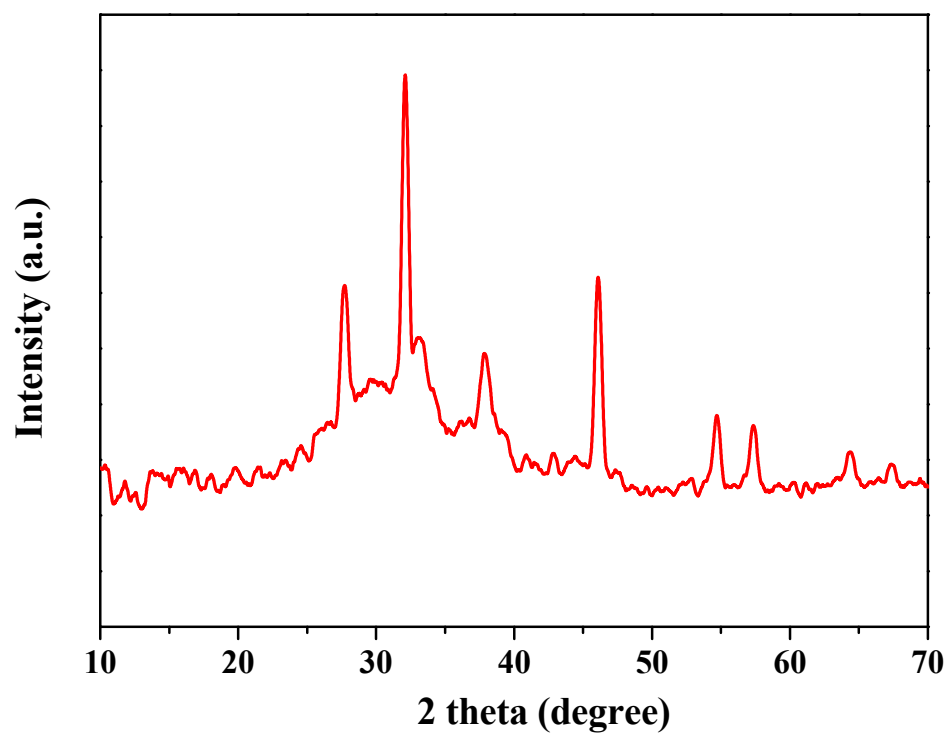


Figure S3. XRD analysis of the synthesized nanocatalyst, $\text{CoFe}_2\text{O}_4\text{-Si-ASA}$.

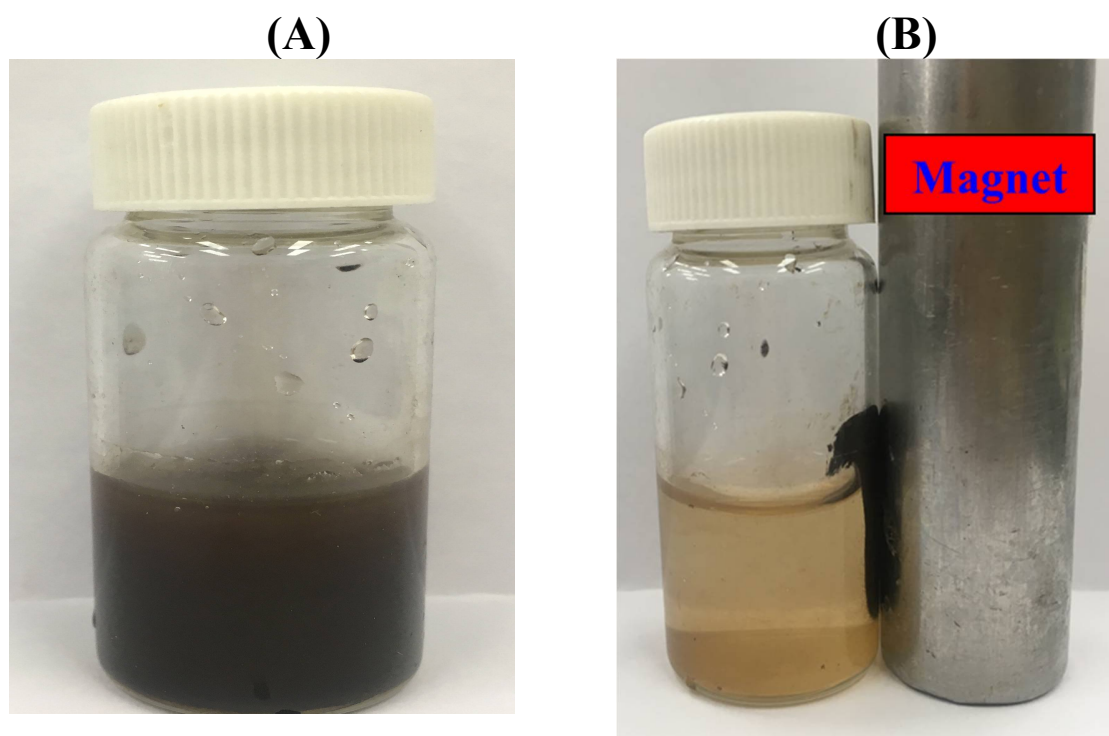


Figure S4. CoFe_2O_4 MNPs showing magnetic property.