

Supporting Information

Transmittance measurements in non-alternating magnetic field as reliable method for determining of heating properties of phosphate and phosphonate coated Fe₃O₄ magnetic nanoparticles

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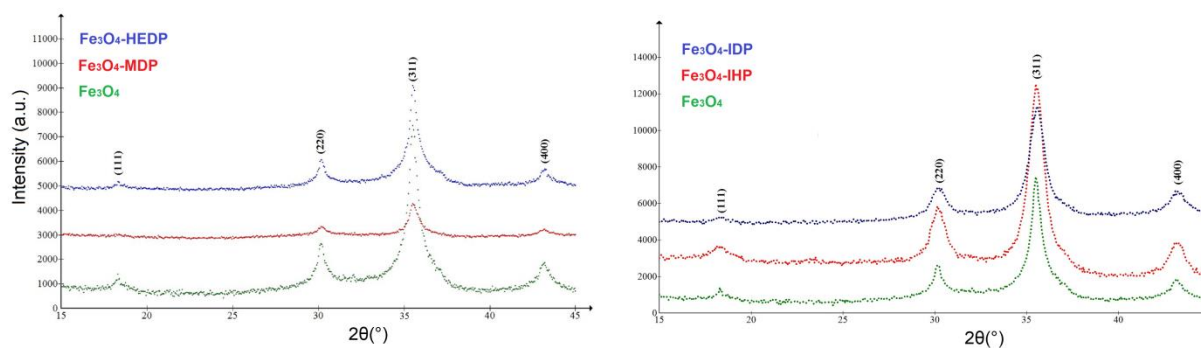


Fig. S1. X-ray diffraction patterns of Fe_3O_4 , $\text{Fe}_3\text{O}_4\text{-HEDP}$, $\text{Fe}_3\text{O}_4\text{-MDP}$, $\text{Fe}_3\text{O}_4\text{-IDP}$, and $\text{Fe}_3\text{O}_4\text{-IHP}$ MNPs.

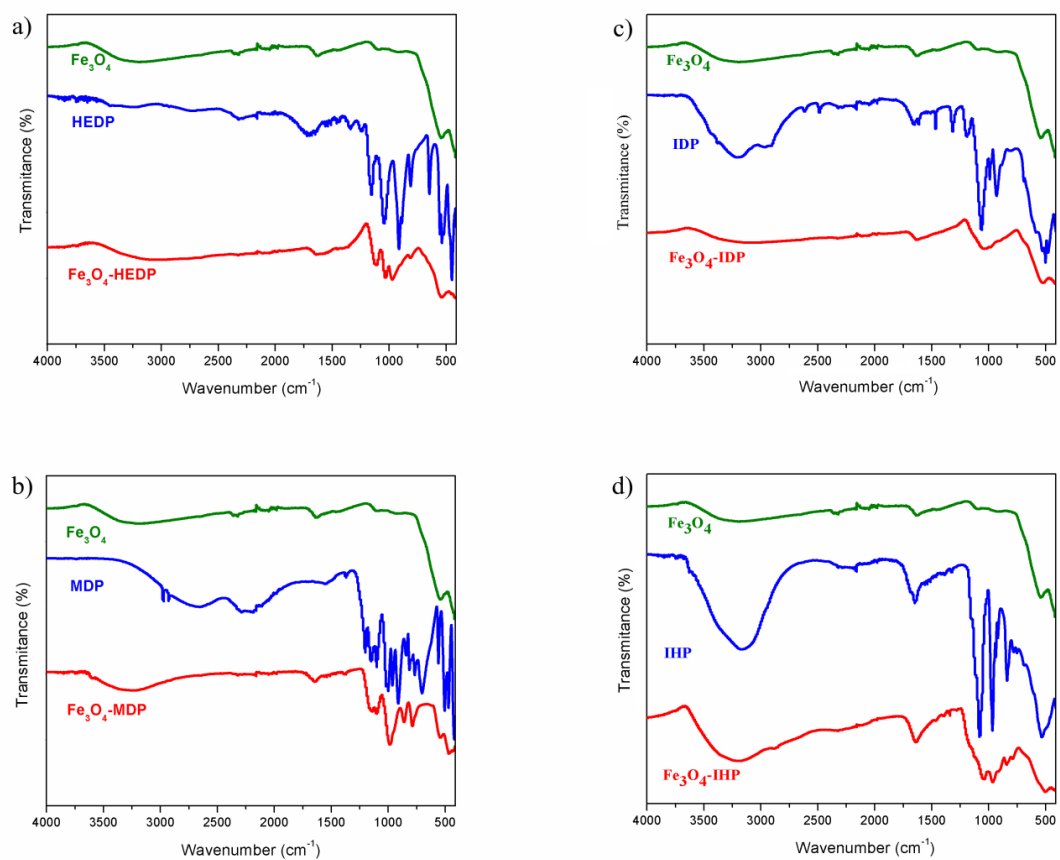


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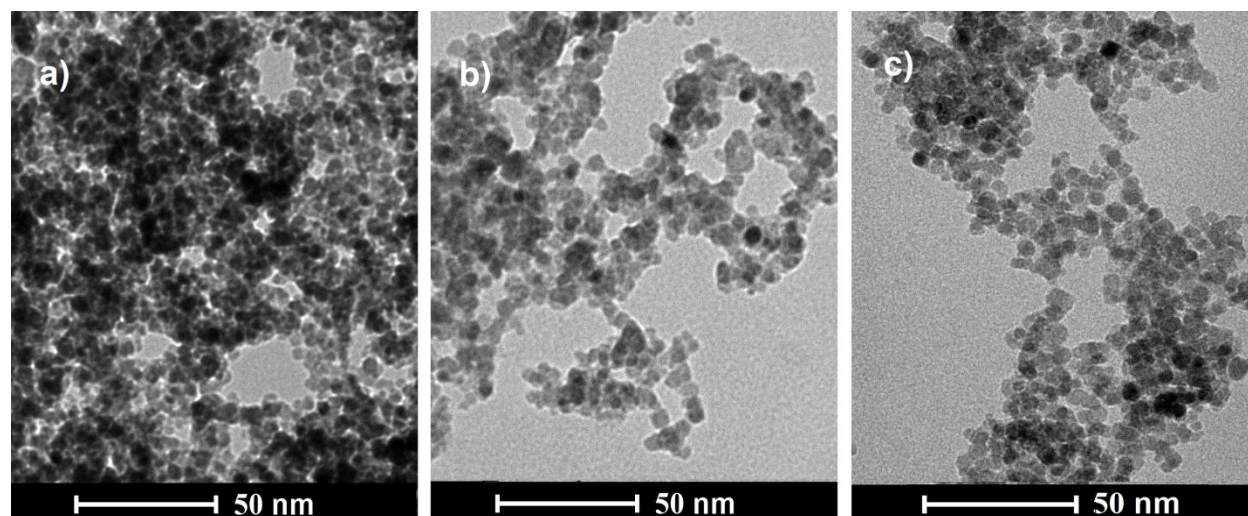


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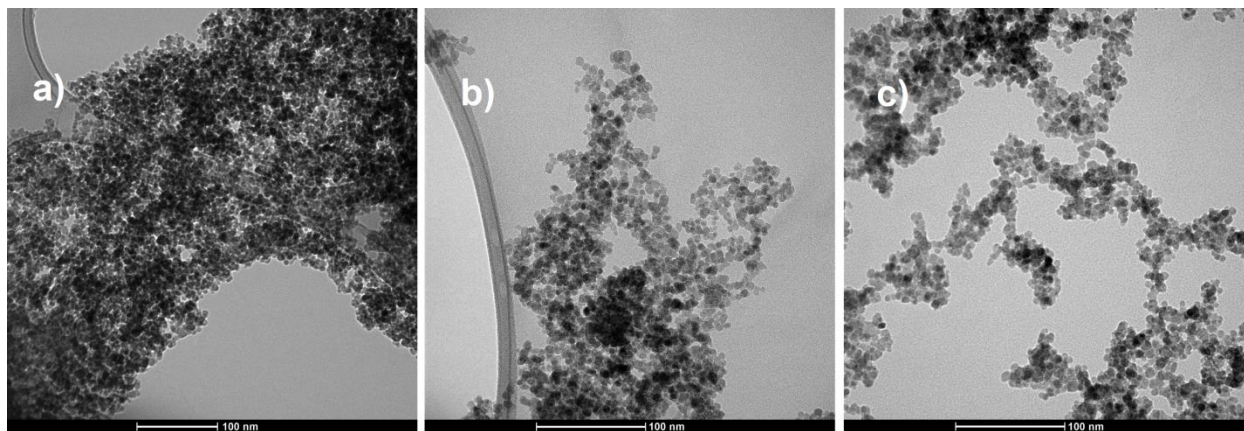


Fig. S4. TEM images of (a) Fe₃O₄, (b) Fe₃O₄-IDP and (c) Fe₃O₄-IHP MNPs.