

Ni@Fe₂O₃ heterodimers: Controlled synthesis and magnetically recyclable catalytic application for dehalogenation reactions

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Supporting Information

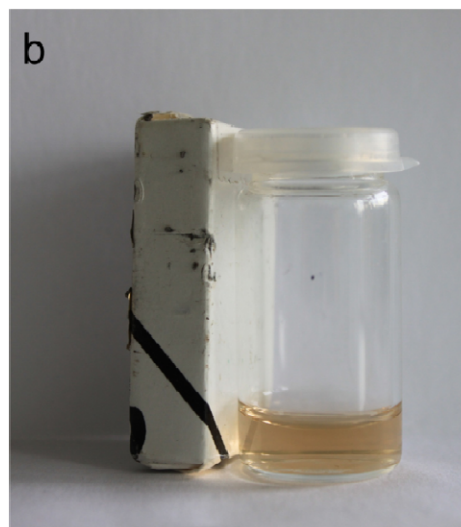
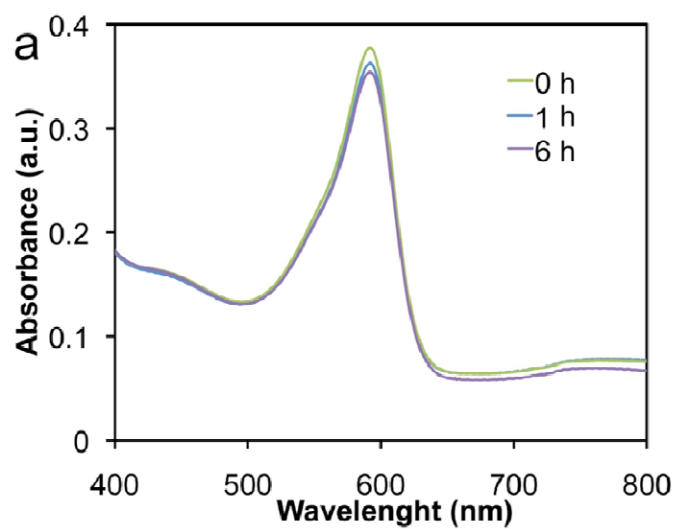


Fig. S1. (a) Time dependent UV-Vis scans of the transformation of bromophenol blue (4.7 μM) in the presence Ni nanoparticles (0.02 mg/mL). The reaction was measured for 6h at room temperature. (b) Digital image of the magnetic properties of Ni nanoparticles.

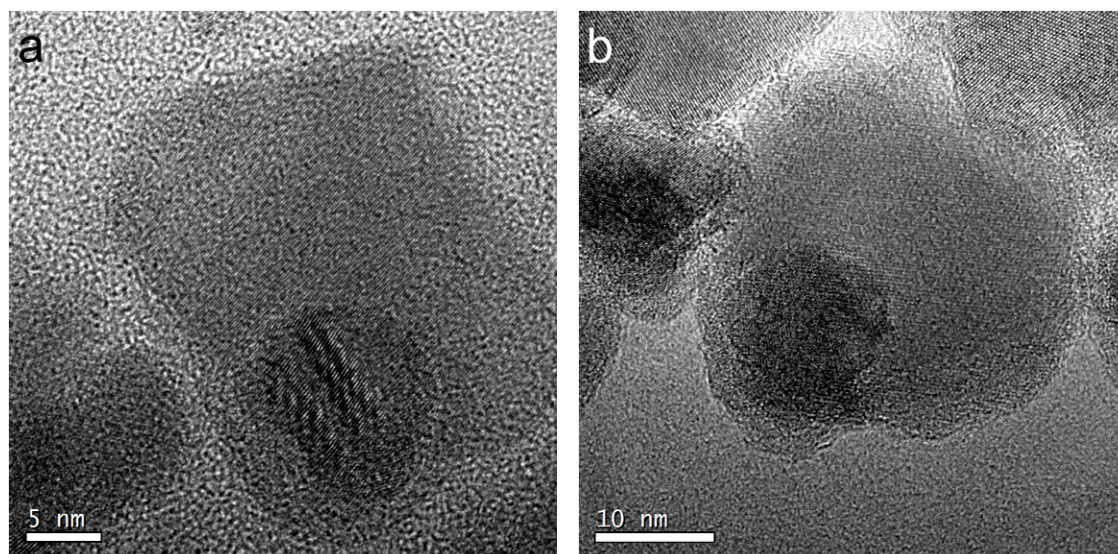


Fig. S2. HRTEM images (a) showing the crystalline nature of the both domains with fringe lattices almost oriented to in both components, (b) indicating the polycrystalline nature of the Ni component.