

Supporting Information

Ag Nanoparticles-Based Zinc Hydroxide-Layered Hybrids as Novel and Efficient Catalysts for Reduction of 4-Nitrophenol to 4-Aminophenol

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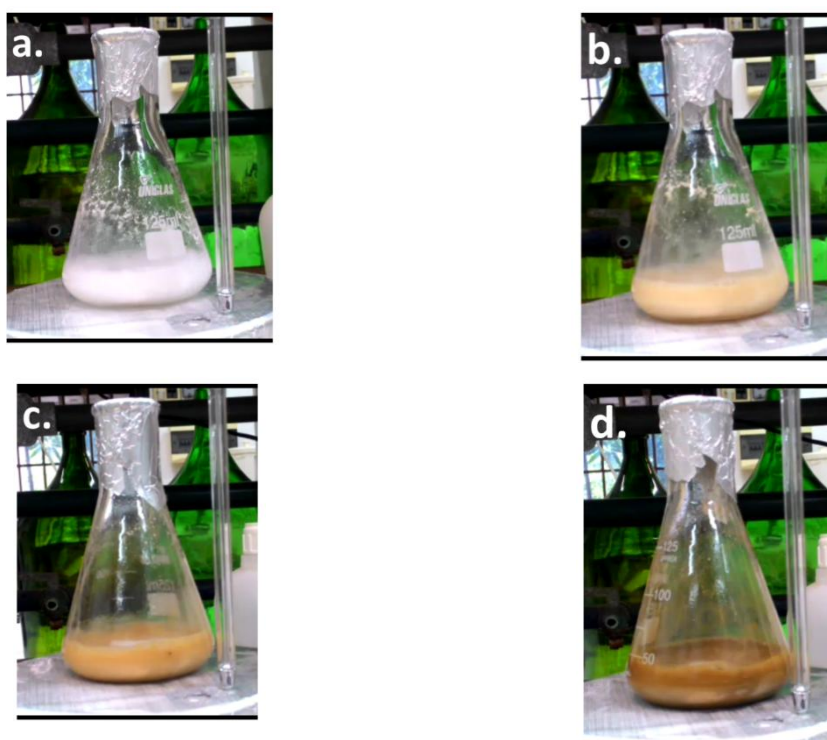


Figure S1. Photographic images showing the progress reaction at different times: (a) initial; (b) 15 min; (c) 30 min and (d) 1 h for the AgNPs(2)/ZHL hybrid formation.

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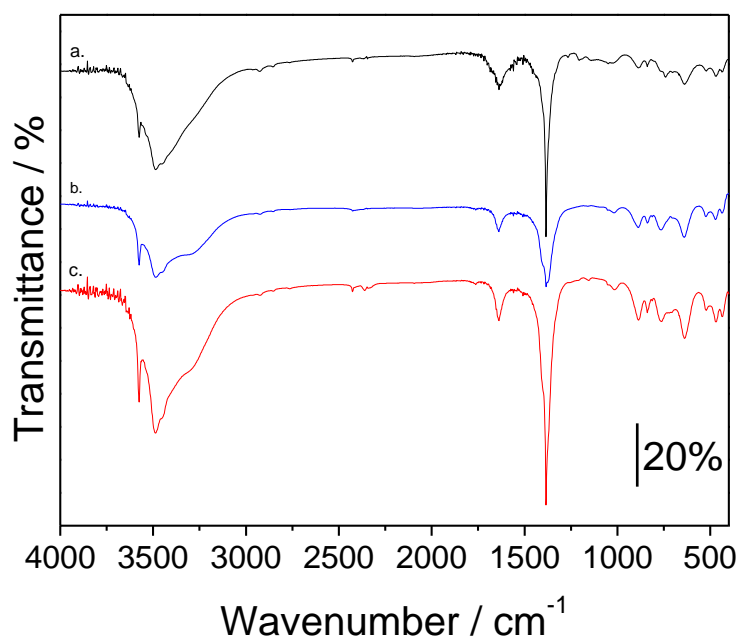


Figure S2. FTIR spectra of (a) ZHL; (b) AgNPs(1)/ZHL and (c) AgNPs(2)/ZHL materials.

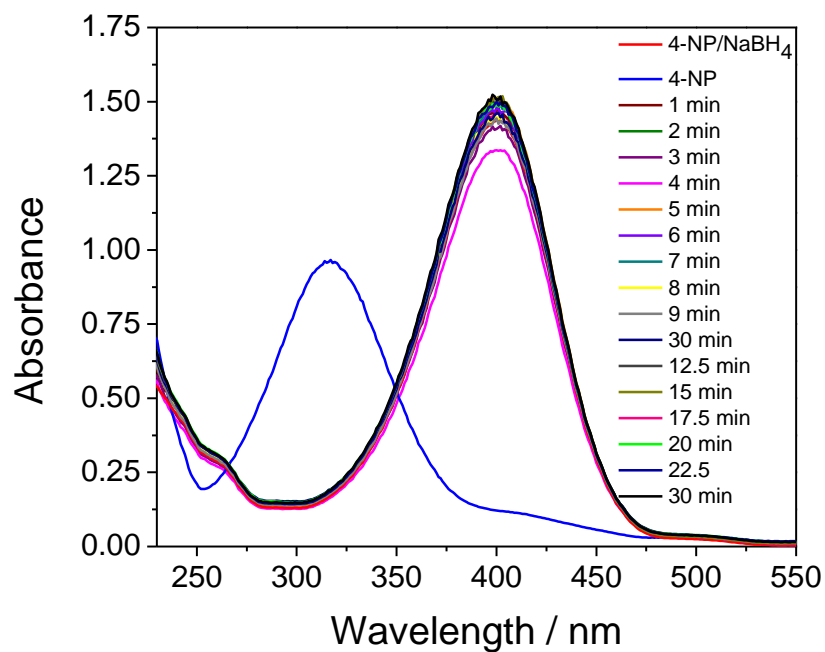


Figure S3. UV-Vis absorption spectra of 4-NP reduction in NaBH₄ presence, measured at 1 min intervals, by ZHL supporting material at room temperature.