

Supplementary information

Establishing Productive Heterogeneous Catalyst based on Silver Nanoparticles Supported on Crosslinked Vinyl Polymer for Reduction of Nitrophenol

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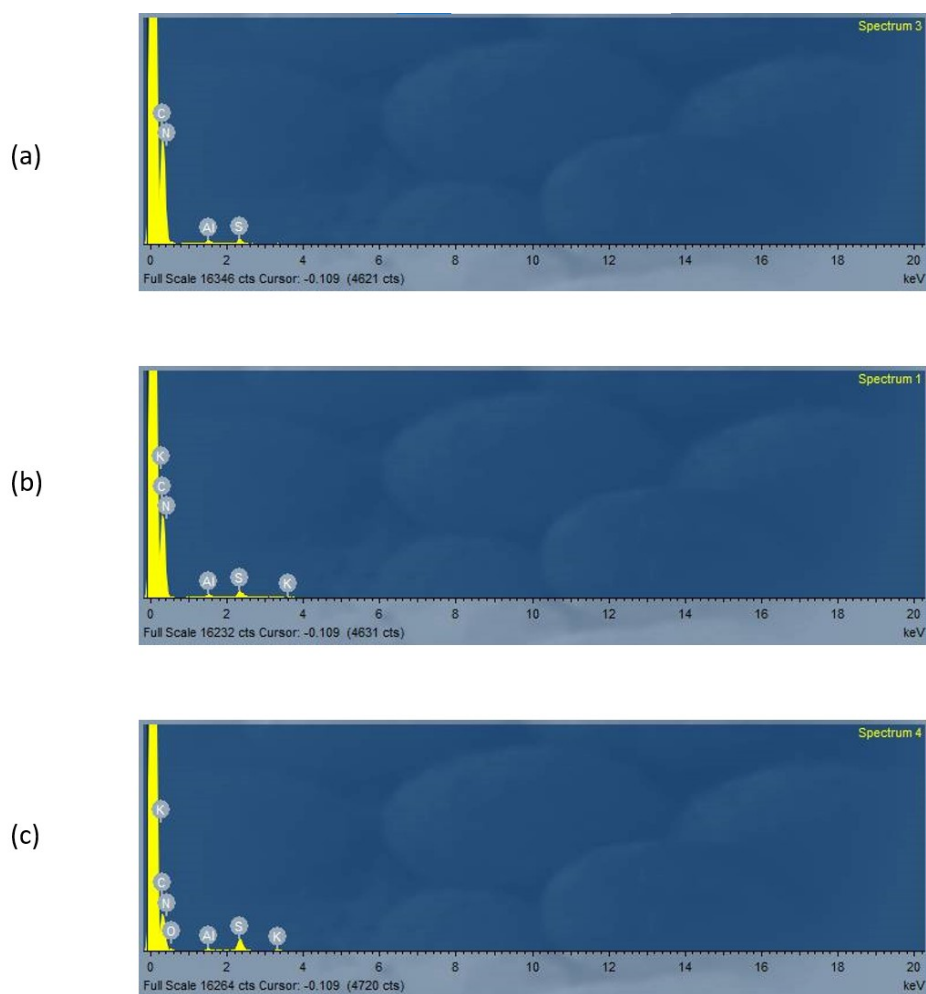


Figure S1. . EDX analysis for (a) poly(AMPS-co-AN) (Run 1 in table1), (b) poly(AMPS-co-AN) (Run2 in table 1), (c) poly(AMPS-co-AN) (Run3 in table 1).

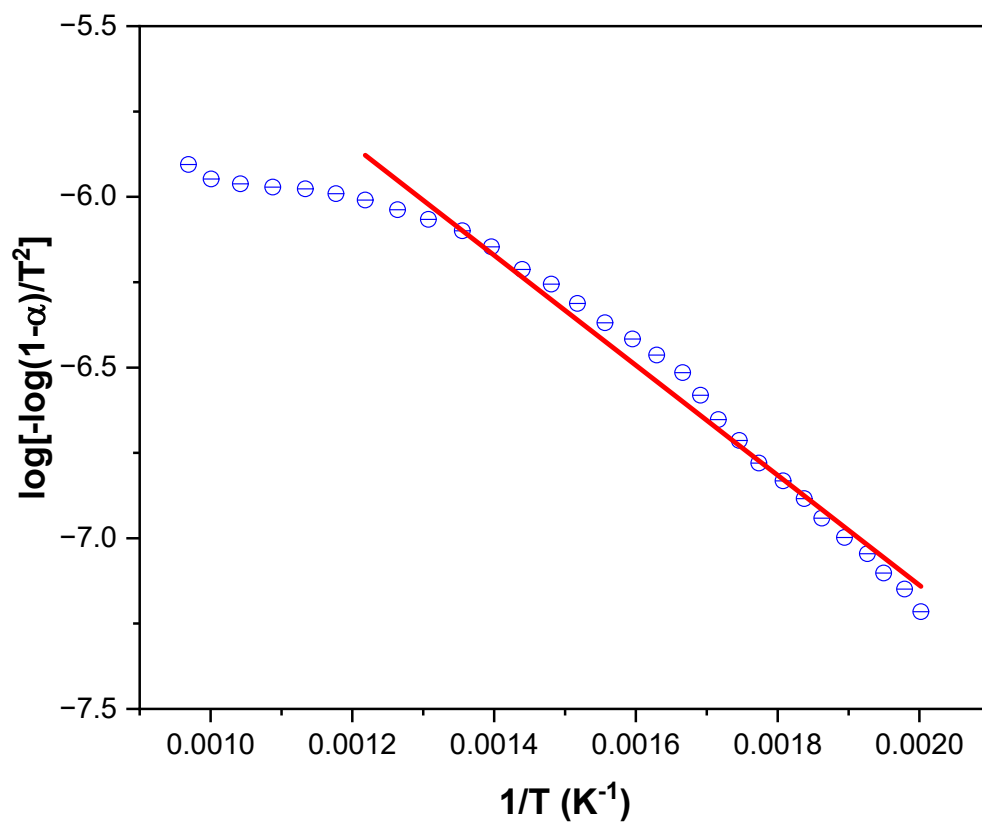


Figure S2. Coats-Redfern relationship for poly(AN-co-AMPS).

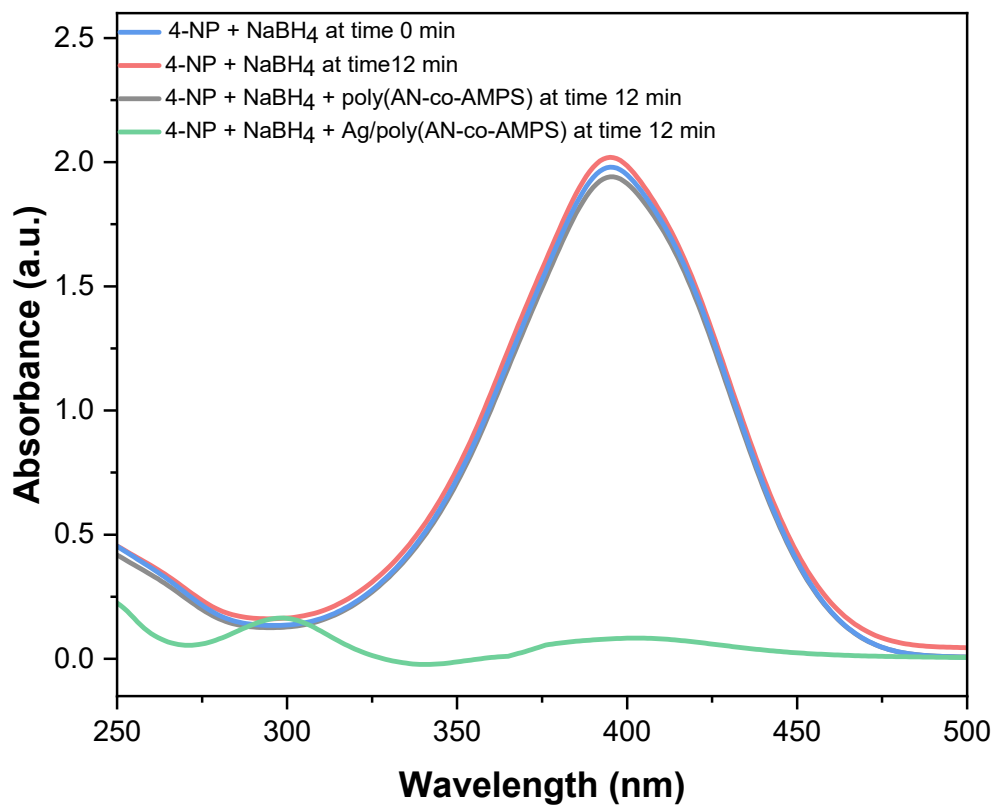


Figure S3. UV-vis spectra of the reduction of 4-NP to 4-AP. Reaction conditions: [4-NP] = 0.1 mM, [NaBH₄] = 10 mM, and wt. of catalyst 20 mg.