Electronic Supplementary Information:

Facile Synthesis of Porous NiCo2O4 Nanoflake as Magnetic Recoverable Catalysts towards Efficient Degradation of RhB

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Figure S1: EDS pattern of the prepared flake-like NiCo$_2$O$_4$ sample in the case of DMF/DIW mixed solvents system.
Figure S2: SEM images of the prepared NiCo$_2$O$_4$ samples at different mixed solvent systems, (a, b) Methanol/DIW; (c, d) Ethanol/DIW.

Figure S3: XRD patterns of the prepared NiCo$_2$O$_4$ samples at different mixed solvent systems, (a) Methanol/DIW; (b) Ethanol/DIW.
Figure S4: Isothermal N\textsubscript{2} absorption/desorption testing of the prepared NiCo\textsubscript{2}O\textsubscript{4} samples at different mixed solvent systems, (a) Methanol/DIW; (b) Ethanol/DIW

Figure S5: FTIR of the prepared flake-like NiCo\textsubscript{2}O\textsubscript{4} sample before and after catalytic reaction.