Supporting Information

Superparamagnetic Ag@Fe₃O₄ core/shell nanosphere: fabrication, characterization and its application as reusable nanocatalyst

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Figure S11. TEM images of the Ag@Fe$_3$O$_4$ nanospheres under low Fe$^{3+}$ concentration.

Figure S12. Magnetic hysteresis loops of as-prepared Ag@Fe$_3$O$_4$ nanospheres at room temperature with different concentrations of AgNO$_3$: (a) 5.0×10$^{-3}$ mol/L, (b) 1.0×10$^{-2}$ mol/L, (c) 2.5×10$^{-2}$ mol/L.