

Supplementary Materials

One-pot Synthesis of YF_3 @silica core/shell-nanoparticles

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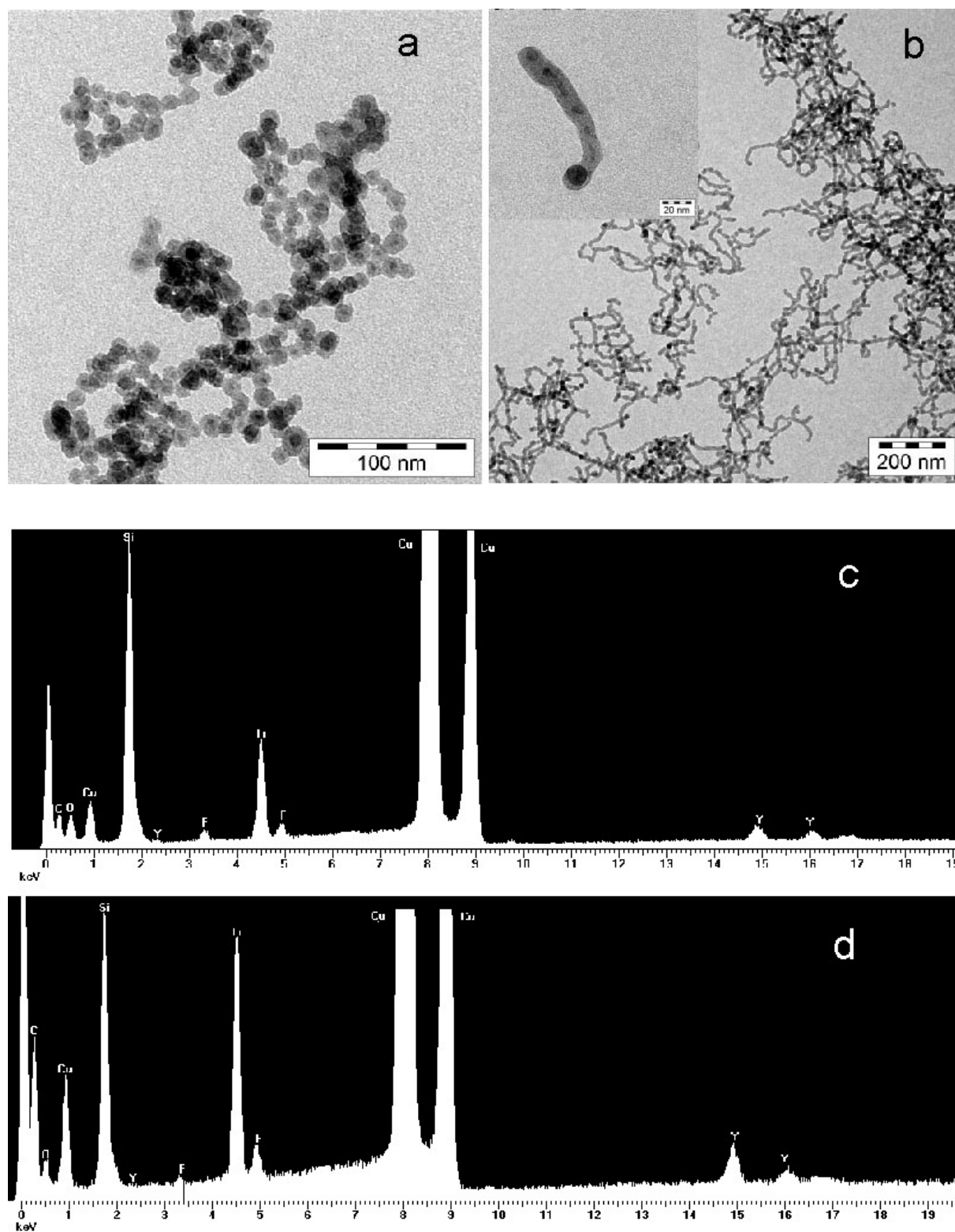


Figure S1. TEM image of YF₃@SiO₂ nanoparticles (a) high concentration of surfactant (b) low concentration of surfactant. And EDAX spectrum of YF₃@SiO₂ nanoparticles (c) high concentration of surfactant (d) low concentration of surfactant.

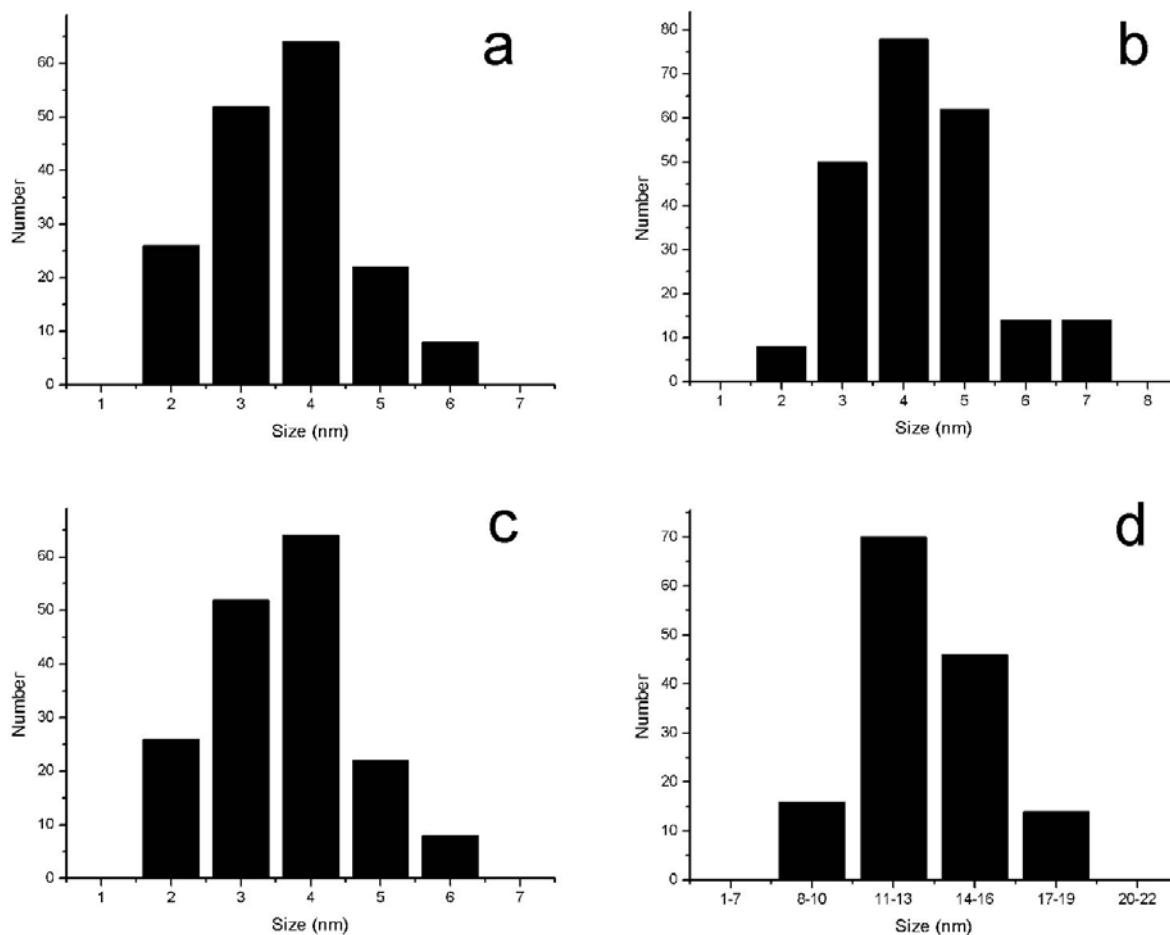


Figure S2. Size distribution histogram of YF₃@SiO₂ nanoparticles (a) Core particle at high concentration of surfactant (b) Core particle at low concentration of surfactant. (c) Core/Shell particle at high concentration of surfactant (d) Core/Shell particle at low concentration of surfactant.