

Modification of Fe₃O₄ Superparamagnetic Nanoparticles with Zirconium Oxide; Preparation, Characterization and its Application toward Fluoride Removal

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SUPPLEMENTARY MATERIALS

Fig. S1. The calibration curve (inset) was obtained from the decreasing in intensity absorption of reagents in 531 nm during addition of the standard sodium fluoride solutions (0.1– 1.0 mg L⁻¹).

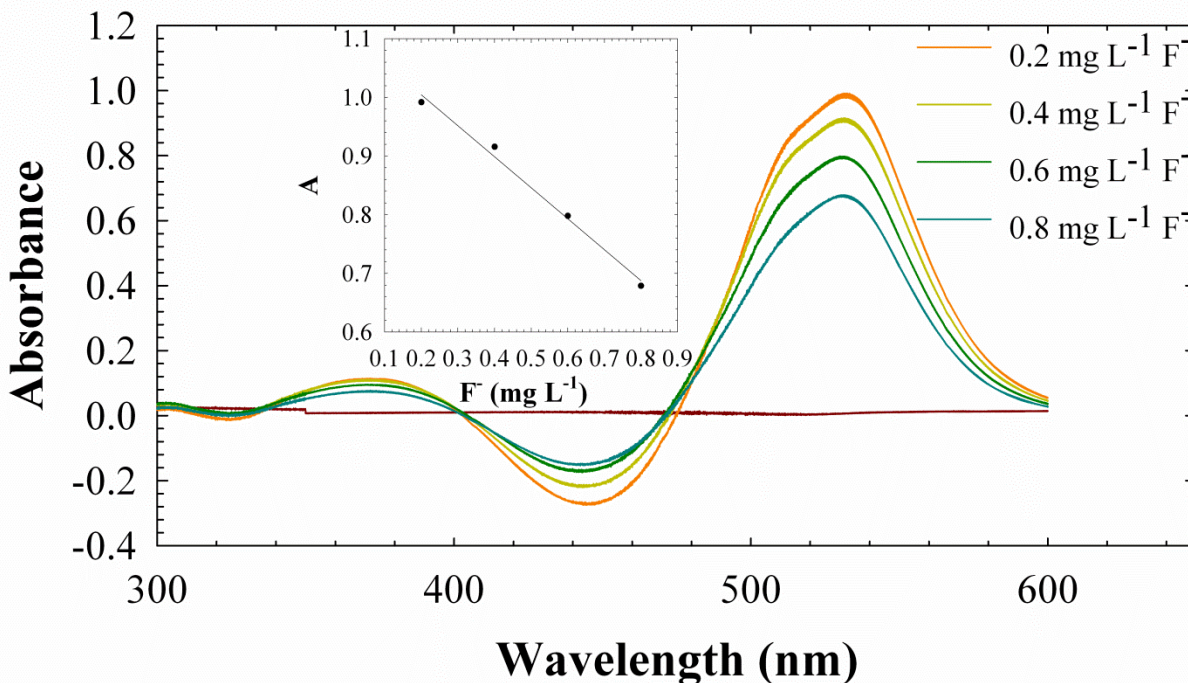


Fig. S2. The zeta potential distribution measured for as-prepared $\text{Fe}_3\text{O}_4@\text{ZrO}_2$ (2:5) nanoparticles at 25 °C.

