

Reusable Magnetic Nanoparticle Immobilized Nitrogen-Containing Ligand for Classified and Easy Recovery of Heavy Metal Ions

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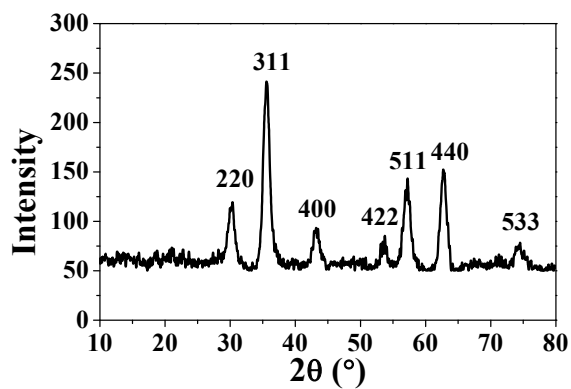


Figure S1. XRD pattern of prepared the Fe₃O₄ NP.

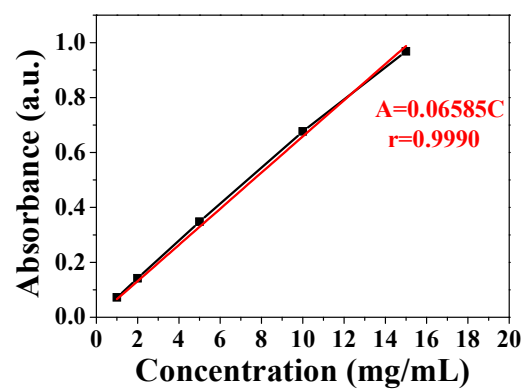


Figure S2. Standard curve of UV-Vis adsorption of CrCl₃·6H₂O in water.

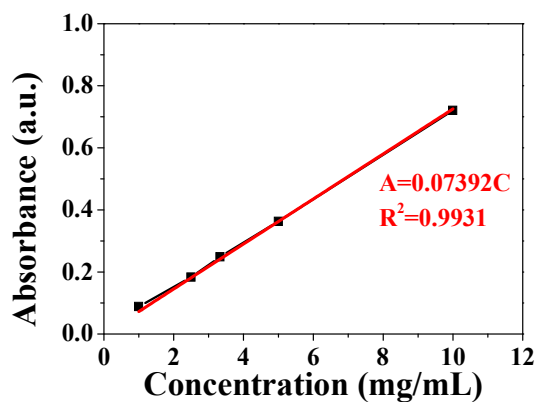


Figure S3. Standard curve of UV-Vis adsorption of CuSO₄ in water.

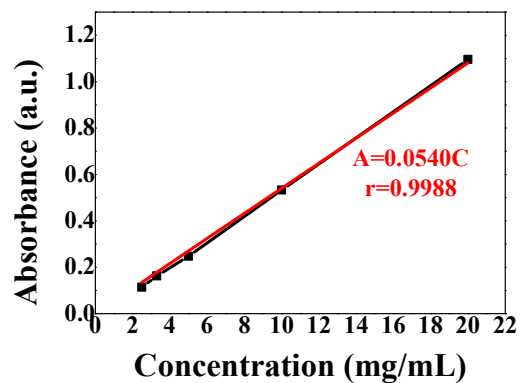


Figure S4. Standard curve of UV-Vis adsorption of $\text{Pb}(\text{NO}_3)_2$ in water.

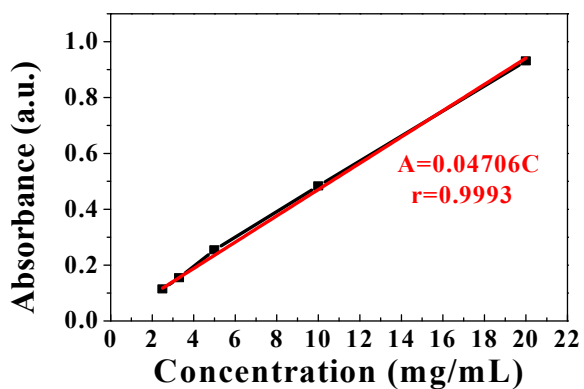


Figure S5. Standard curve of UV-Vis adsorption of $\text{Cd}(\text{NO}_3)_2$ in water.

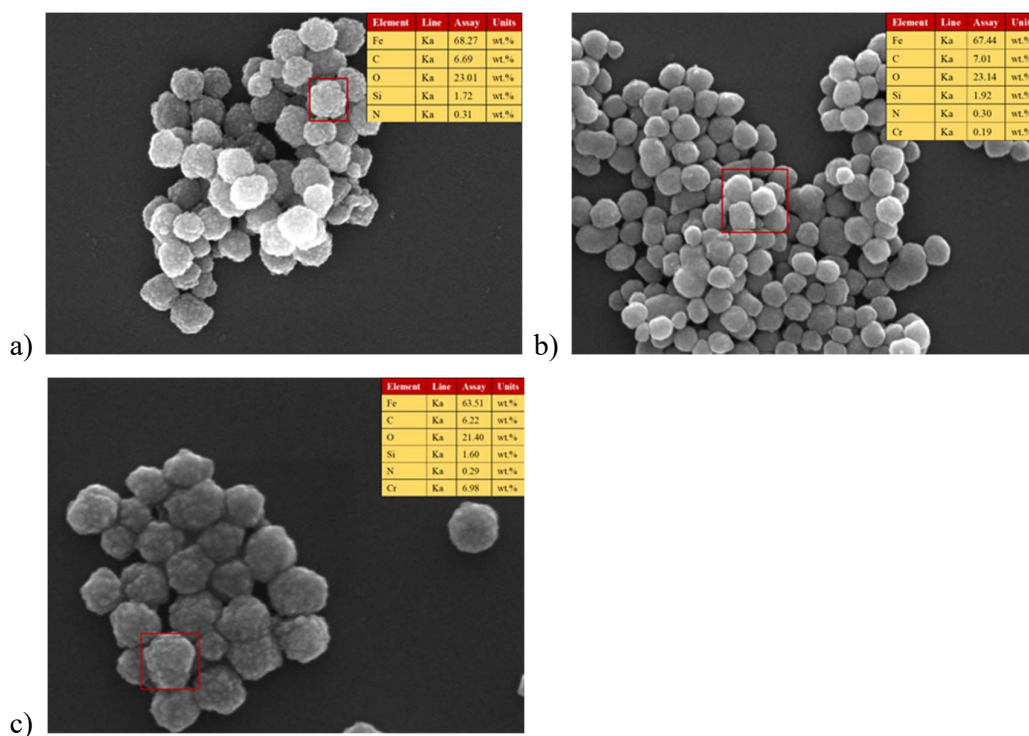


Figure S6. a-c) refers to EDX analysis of $\text{Fe}_3\text{O}_4@\text{Me}_6\text{TREN}$ NPs, $\text{Fe}_3\text{O}_4@\text{Me}_6\text{TREN}$ NPs with adsorption of Cr(III) and $\text{Fe}_3\text{O}_4@\text{Me}_6\text{TREN}$ NPs after desorption of Cr(III) respectively.