



Supplementary Materials

Novel Magnetic Nanocomposites Based on Carboxyl-Functionalized SBA-15 Silica for Effective Dye Adsorption from Aqueous Solutions

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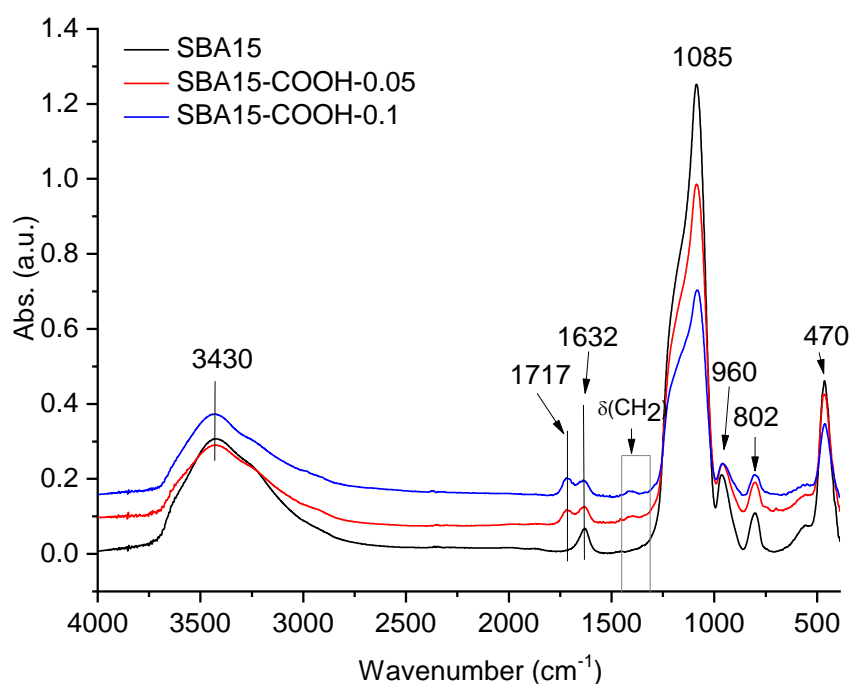


Figure S1. FTIR spectra of SBA15, SBA15-COOH-0.05 and SBA15-COOH-0.1.

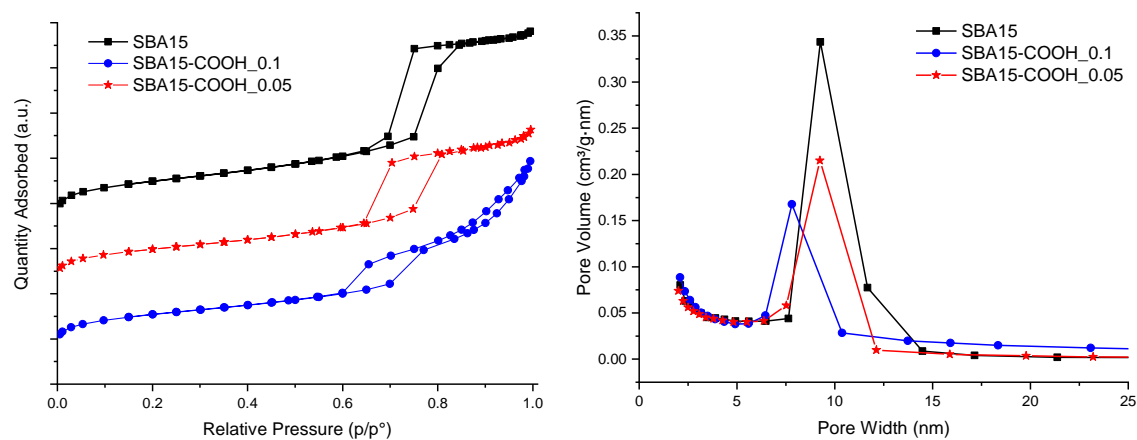
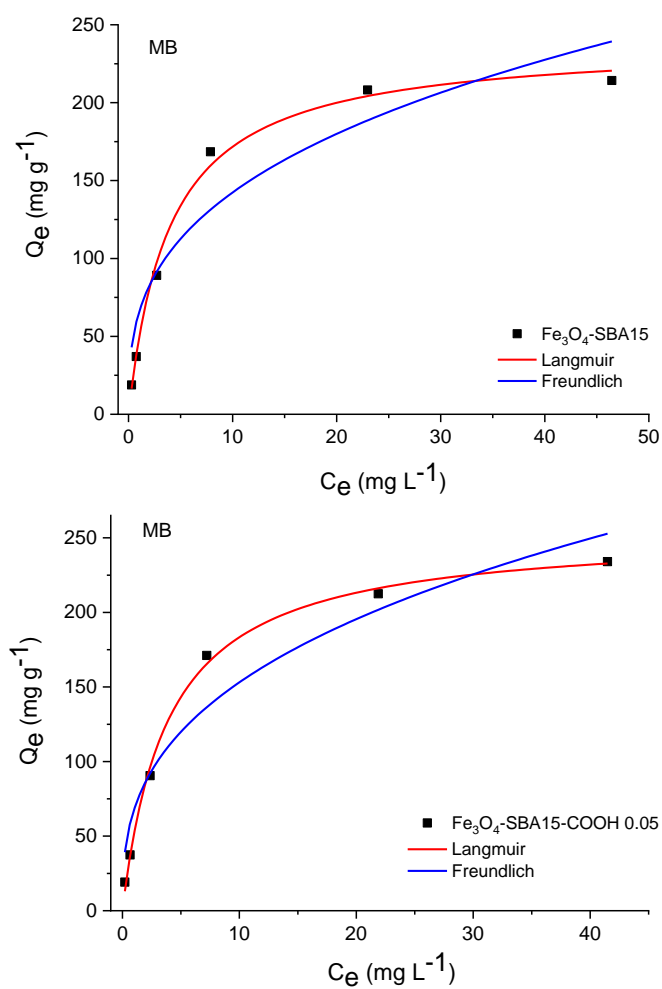


Figure S2. Nitrogen adsorption-desorption isotherms (left) and pore size distribution curves (right) of SBA15, SBA15-COOH-0.05, and SBA15-COOH-0.1.



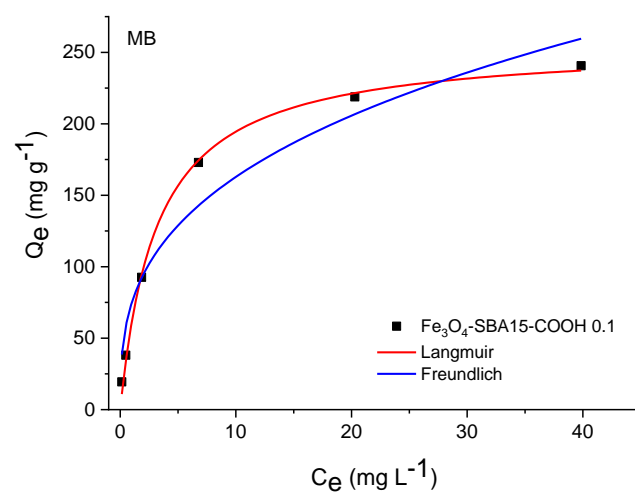
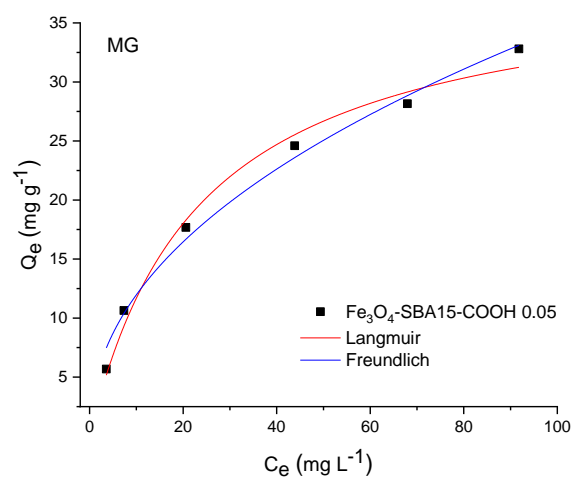
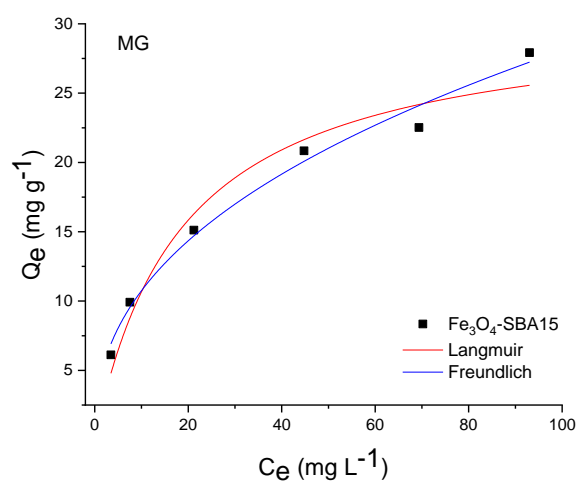


Figure S3. Equilibrium adsorption isotherms of MB on the magnetic adsorbents at pH = 10.6 and 298 K.



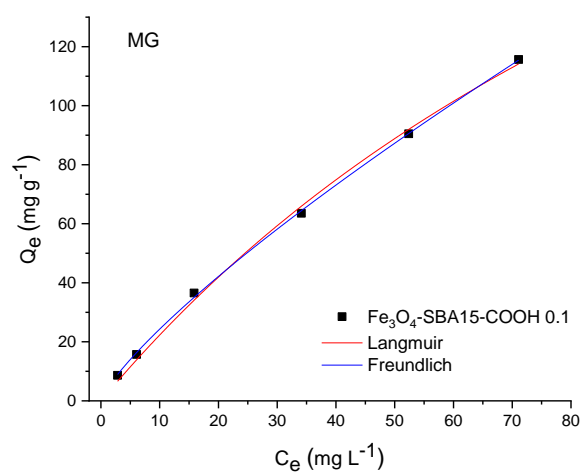


Figure S4. Equilibrium adsorption isotherms of MG on the magnetic adsorbents at pH = 10.6 and 298 K.