

PREPARATION AND EVALUATION OF MAGNETIC CHITOSAN PARTICLES MODIFIED WITH ETHYLENEDIAMINE AND Fe(III) FOR THE REMOVAL OF Cr(VI) FROM AQUEOUS SOLUTIONS

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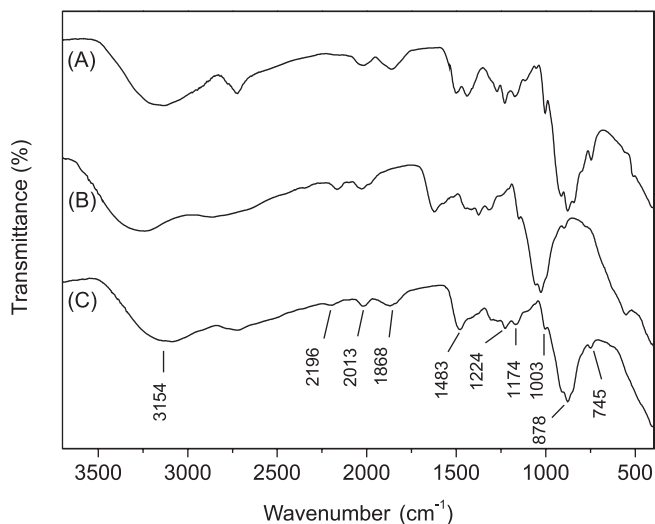


Figure 1S. Infrared spectra obtained for pure chitosan (A), MPCh-EDA-FeCL (B) and MPCh-EDA-FeCL after absorption of Cr(VI) (C)

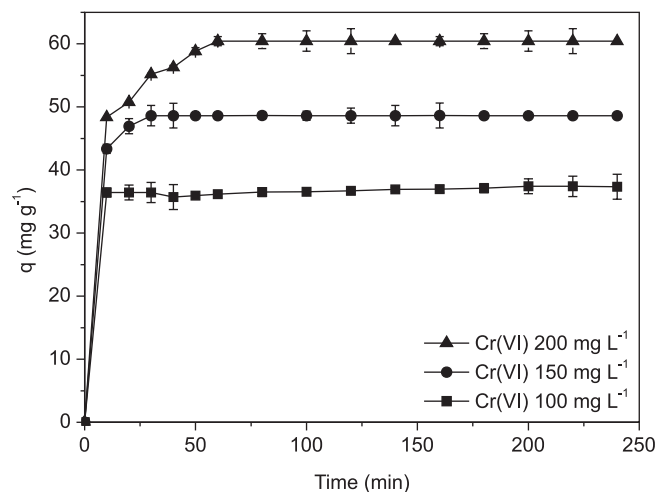


Figure 2S. Effect of the contact time on adsorption of Cr(VI) by MPCh-EDA-FeCL for initial concentrations of 100 (■), 150 (●) and 200 mg L⁻¹ (▲) of the adsorbate

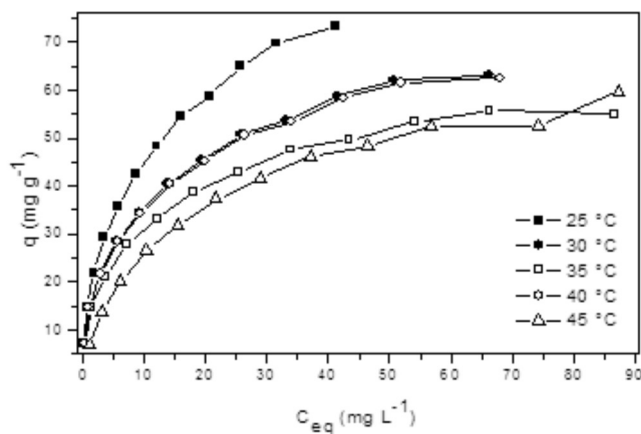


Figure 3S. Experimental adsorption isotherms of Cr(VI) by MPCh-EDA-FeCL for different temperatures