

**Synthesis of Thorium-Ethanolamine nanocomposite by co-precipitation method
and its application for Cr(VI) removal**

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No of figures: 5

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Supplementary Information

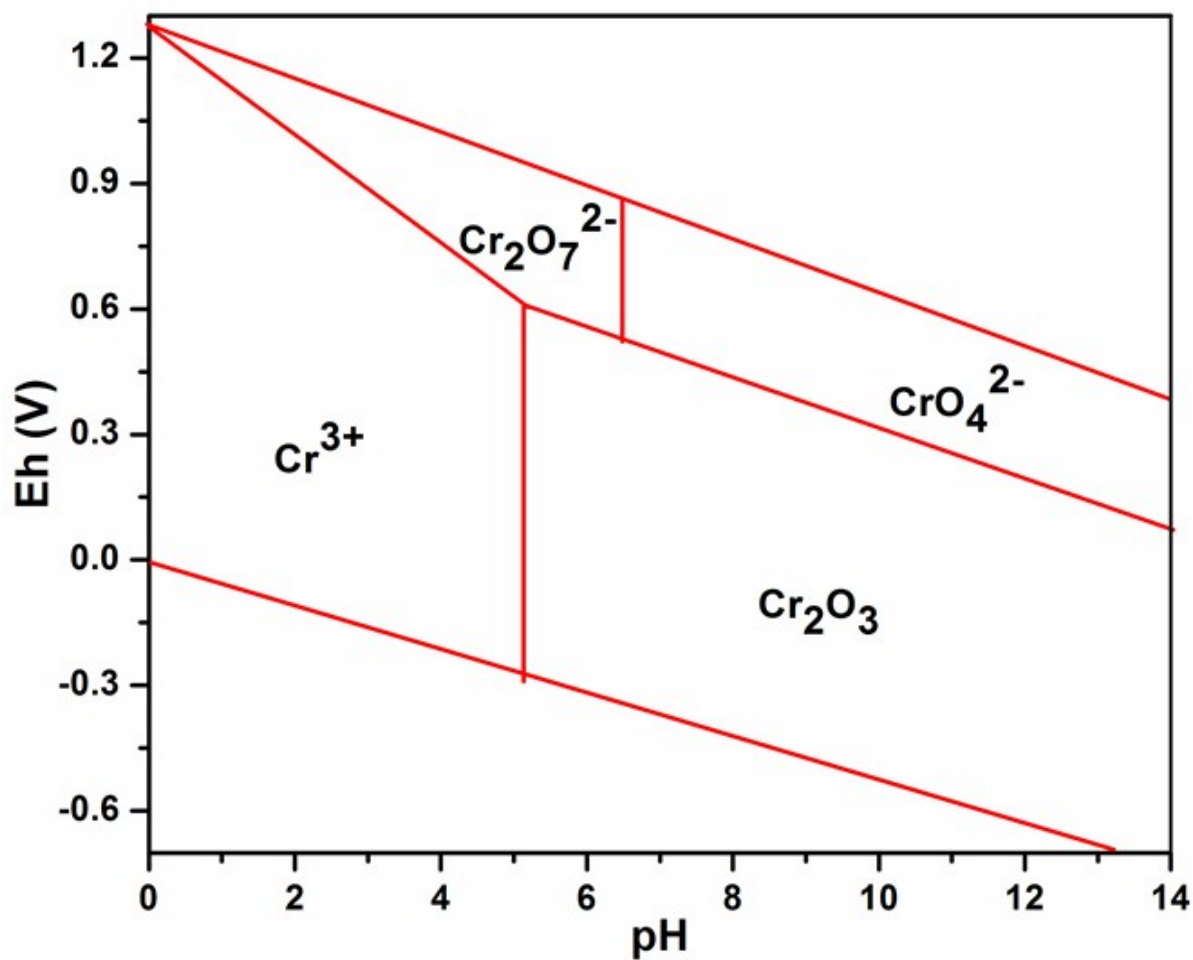


Figure S1 Speciation curve of Chromium in different pH

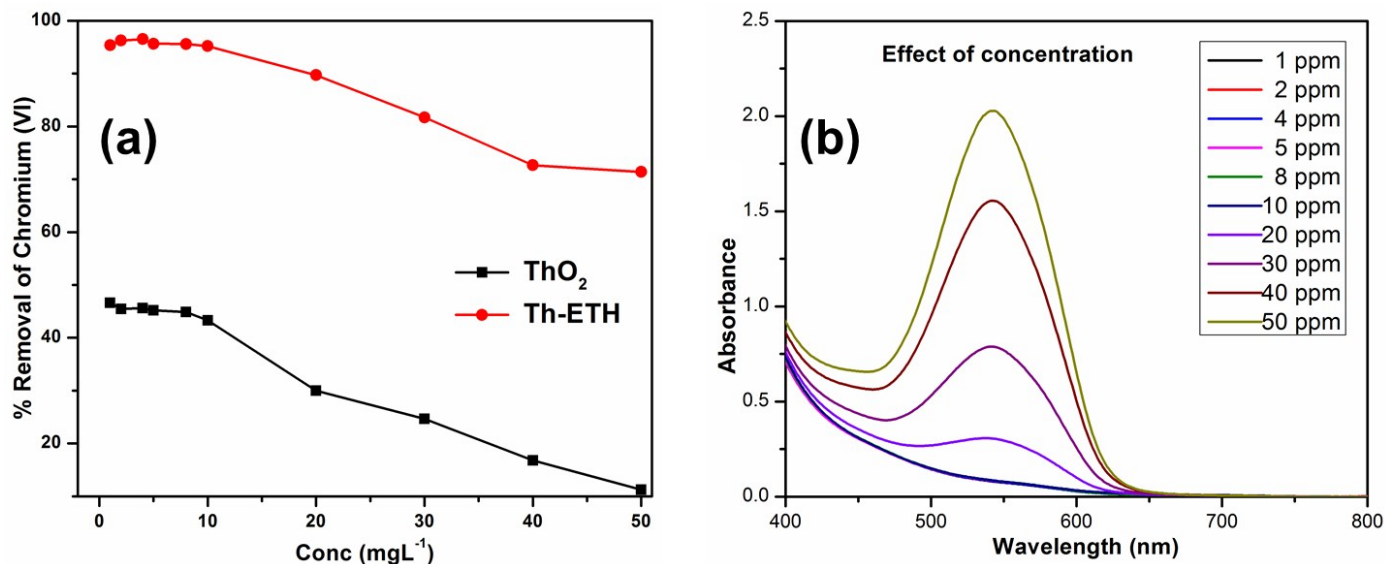


Figure S2 Removal % of ThO₂ and Th-ETH (a) and Absorption spectra of Th-ETH after adsorption of Cr(VI) (b) with variation of concentration

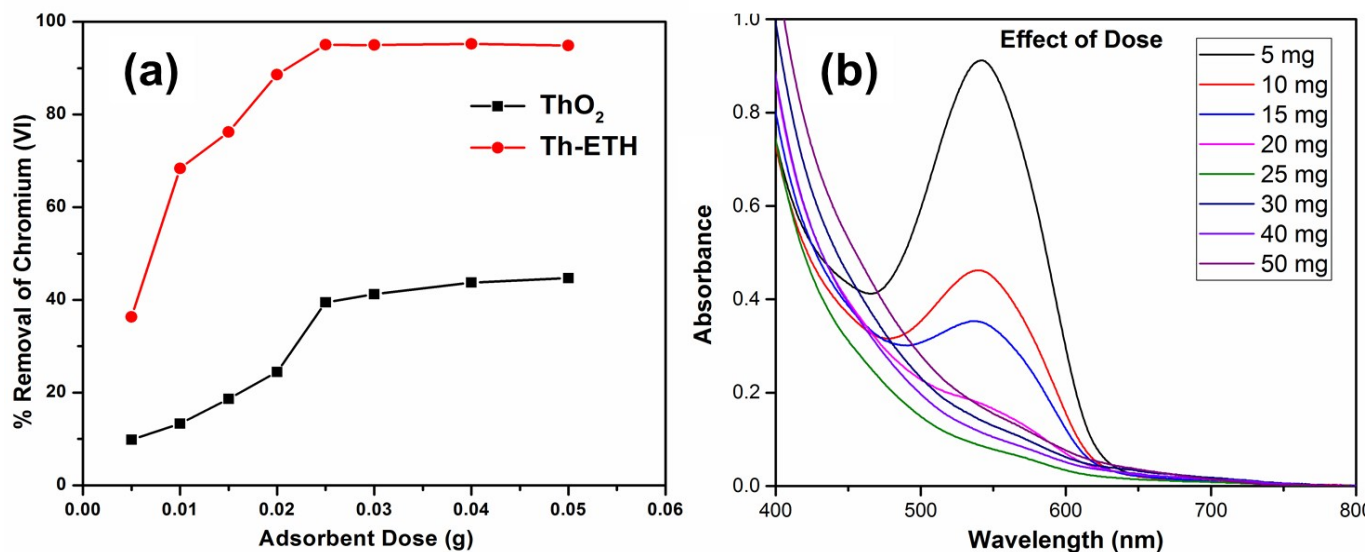


Figure S3 Removal % of ThO₂ and Th-ETH (a) and Absorption spectra of Th-ETH after adsorption of Cr(VI) (b) with variation of adsorbent dosage.

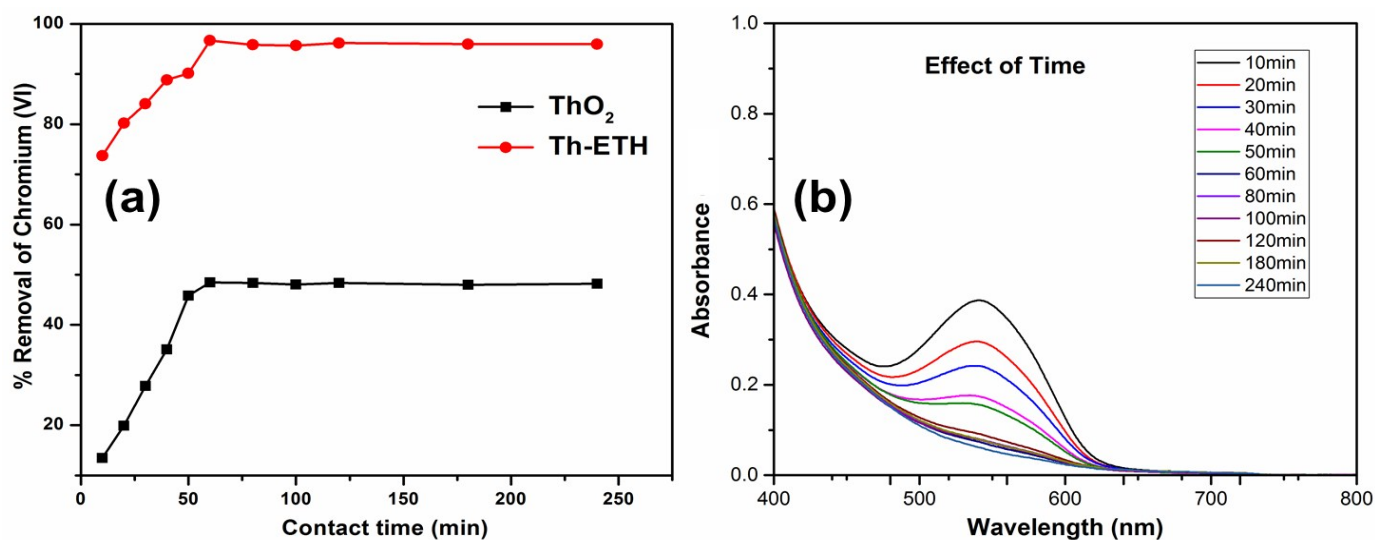


Figure S4 Removal % of ThO₂ and Th-ETH (a) and Absorption spectra of Th-ETH after adsorption of Cr(VI) (b) with variation of time

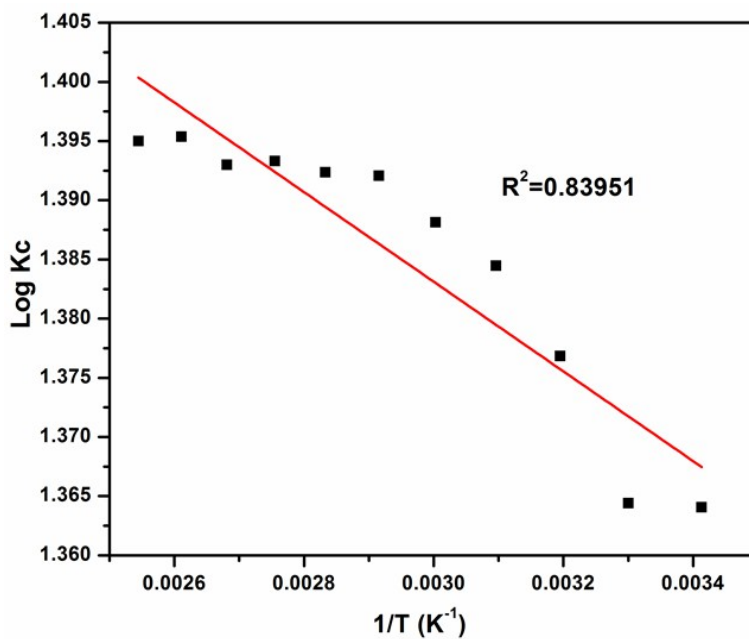


Figure S5 Van't Hoff plot for the Th-ETH