

Mesoporous MnO₂/SBA-15 as a synergetic adsorbent for enhanced uranium adsorption

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Experimental details

The standard curve

The absorbance of arsenazo-III with different concentration of UO₂²⁺ were measured at wavelength of 651 nm which attributed to the U-arsenazo III complex. The standard curve was obtained by the absorbance as a function of U concentration, and a linear equation with high correlation coefficient ($R^2 = 0.99967$) was fitted as shown in Fig. S1.

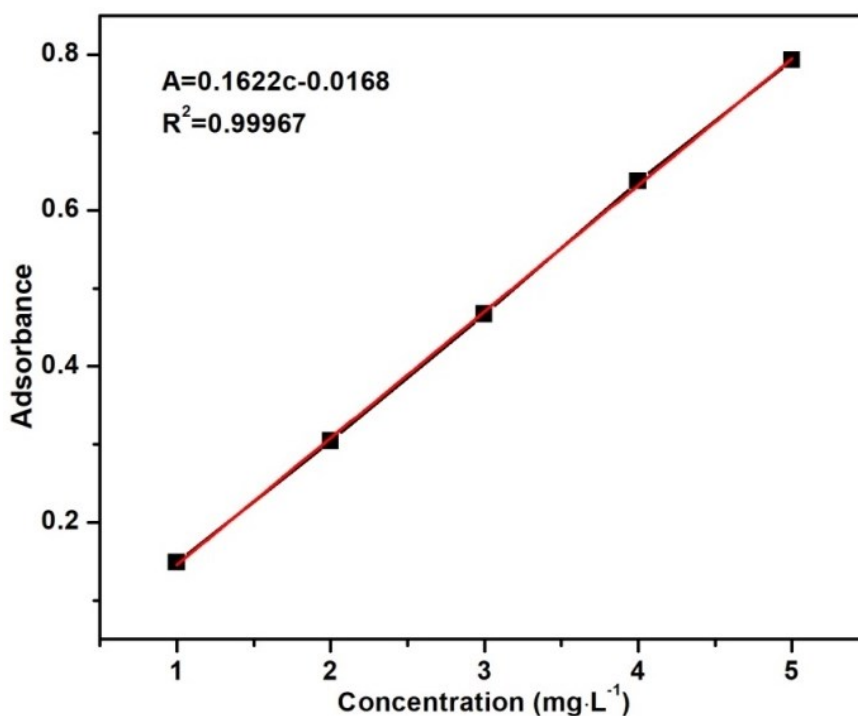


Fig. S1 The standard curve of the concentration of U.

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