

SUPPLEMENTARY MATERIAL TO  
**The adsorption behavior and mechanistic investigation of Cr(VI)  
ions removal by poly(2-(dimethylamino)ethyl  
methacrylate)/poly(ethyleneimine) gels**

ZHENGBO HOU, WEIXIA ZHU, HANG SONG, PENGFEI CHEN and SHUN YAO\*

*School of Chemical Engineering, Sichuan University, Chengdu, 610065, China*

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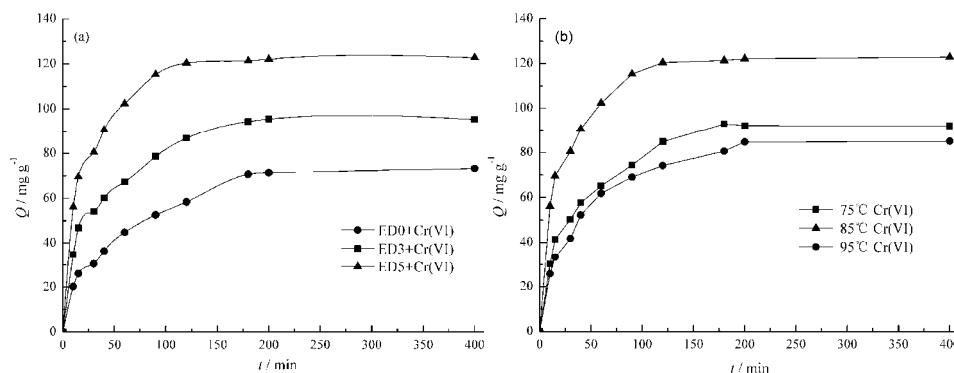


Fig. S-1. Adsorption kinetics of Cr(VI) ions onto gels prepared under the same conditions (temperature: 40 °C; pH 2.0) except for: a) different weight ratios of PEI and b) different reaction temperatures.

\* Corresponding author. E-mail: cusack@scu.edu.cn

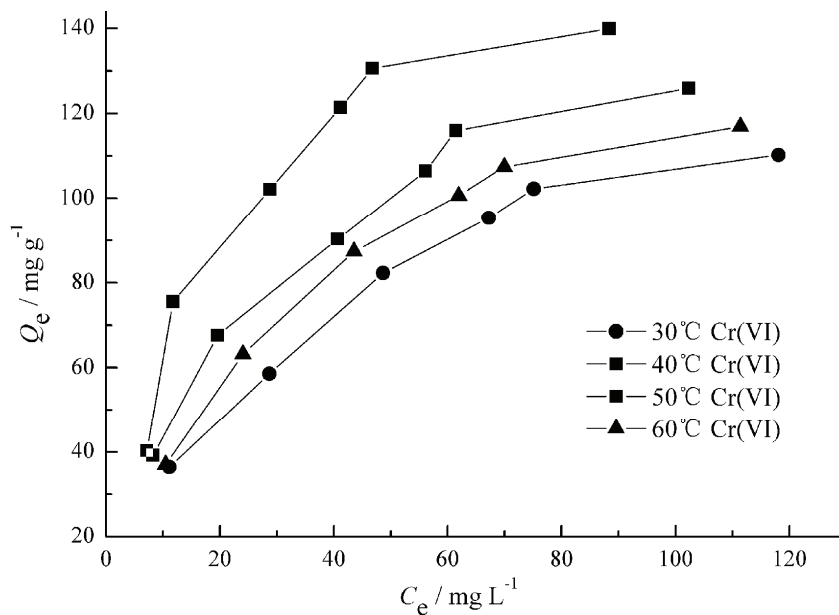


Fig. S-2. Adsorption isotherms of Cr(VI) ions onto ED 5 at pH 2.0 at different temperatures.

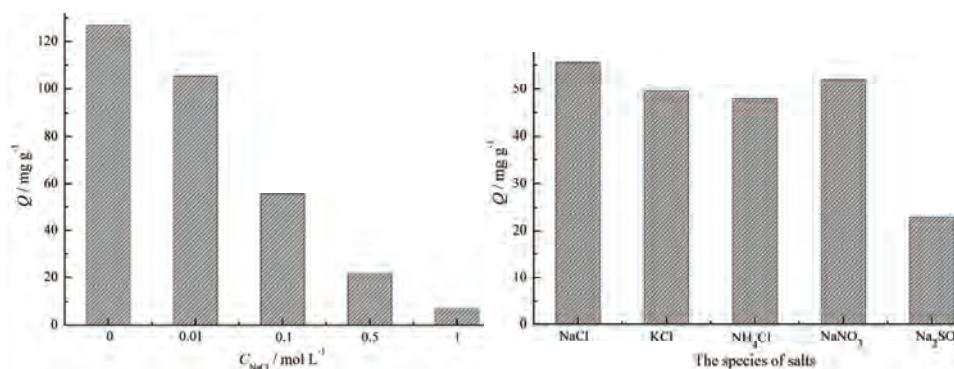


Fig. S-3. The effects of ionic strength and species on the adsorption of Cr(VI) ions. Temperature: 40 °C; pH: 2.0; the concentrations of salts: 0.1 mol L<sup>-1</sup>.