

Supporting Materials

On As(III) Adsorption Characteristics of Innovative Magnetite Graphene Oxide Chitosan Microsphere

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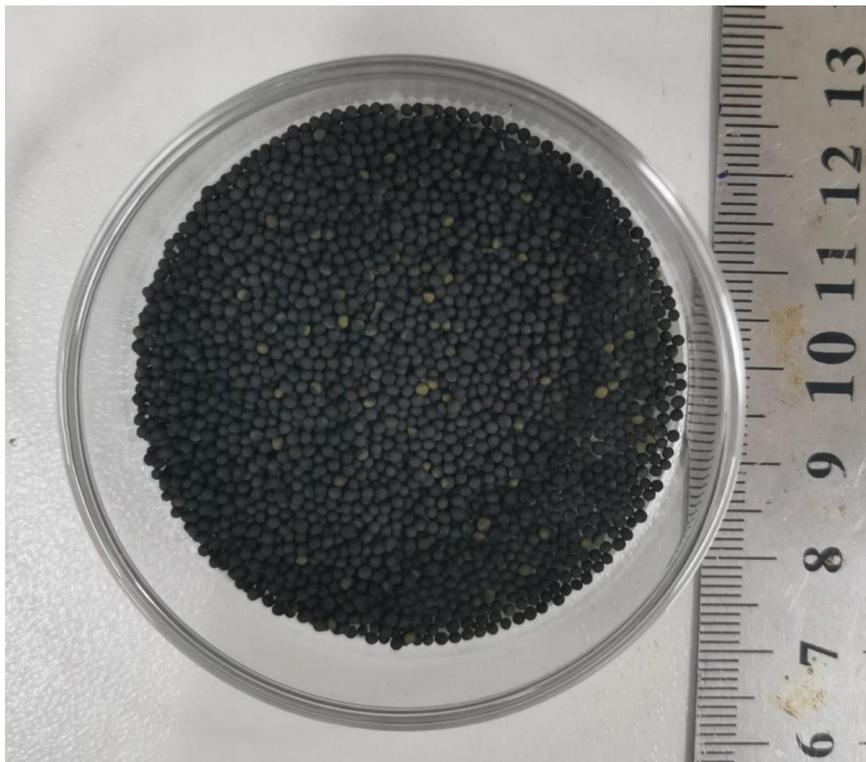


Figure S1. Photos of MGOCS composite microsphere.

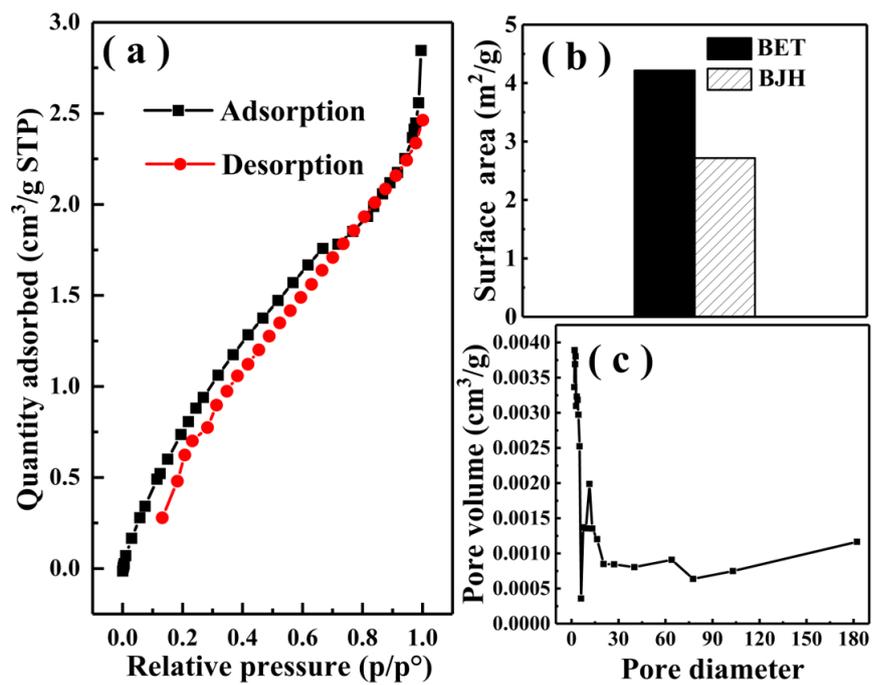


Figure S2. BET analysis of the GOCS: (a) adsorption/desorption isotherm plots, (b) bar graphs of the BET and BJH surface areas, and (c) BJH plots of the pore size distribution.

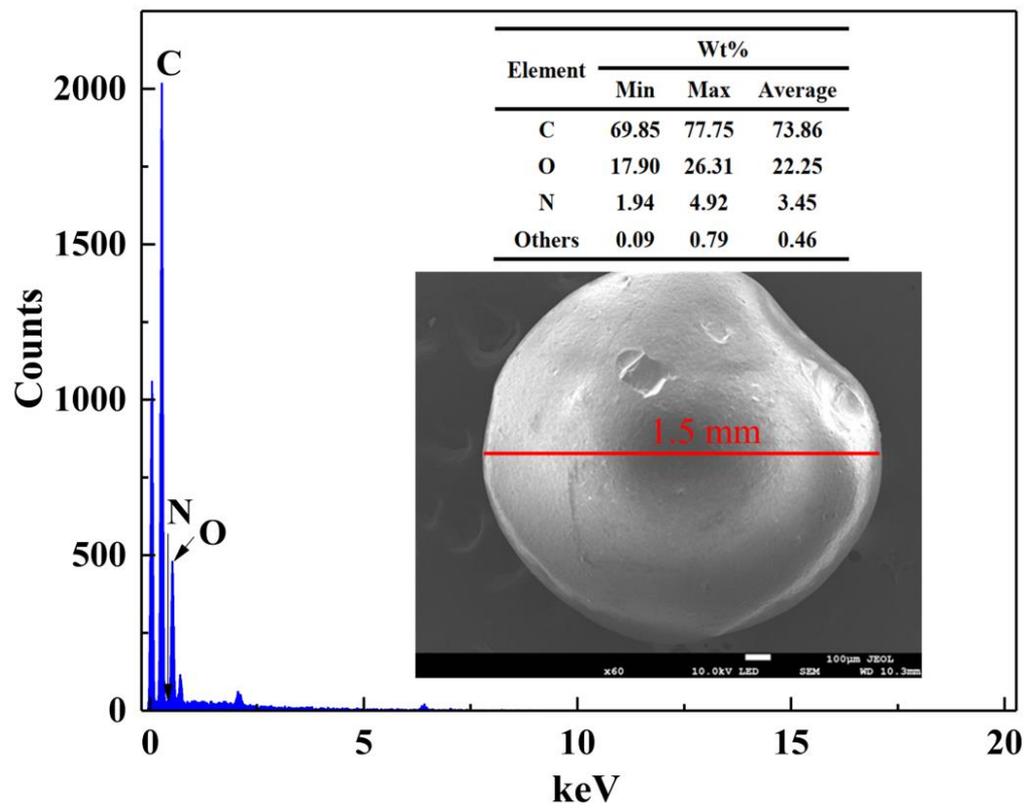


Figure S3. SEM images and EDS results of GOCS composite microsphere.

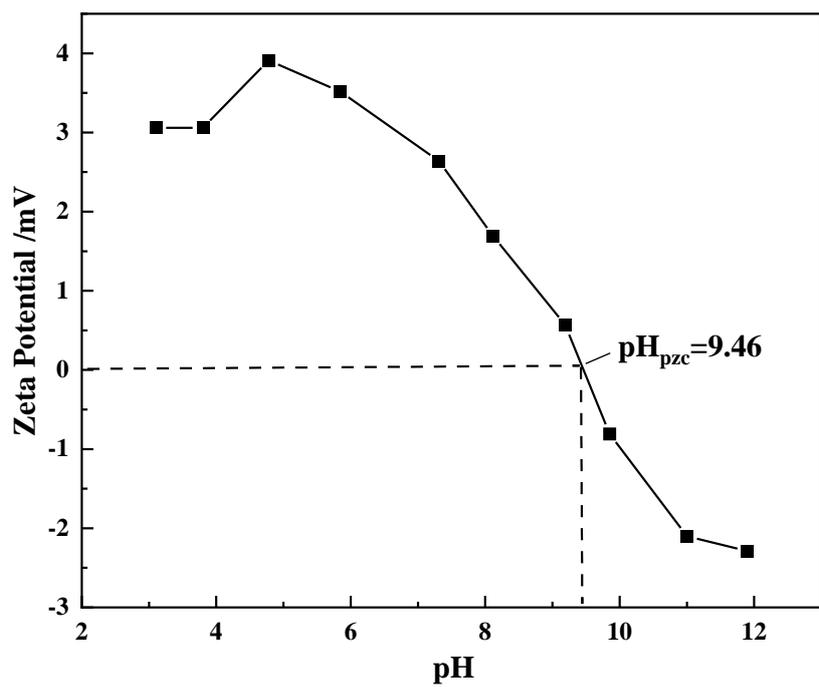


Figure S4. The changes in the ζ potential of adsorbent with the pH values.

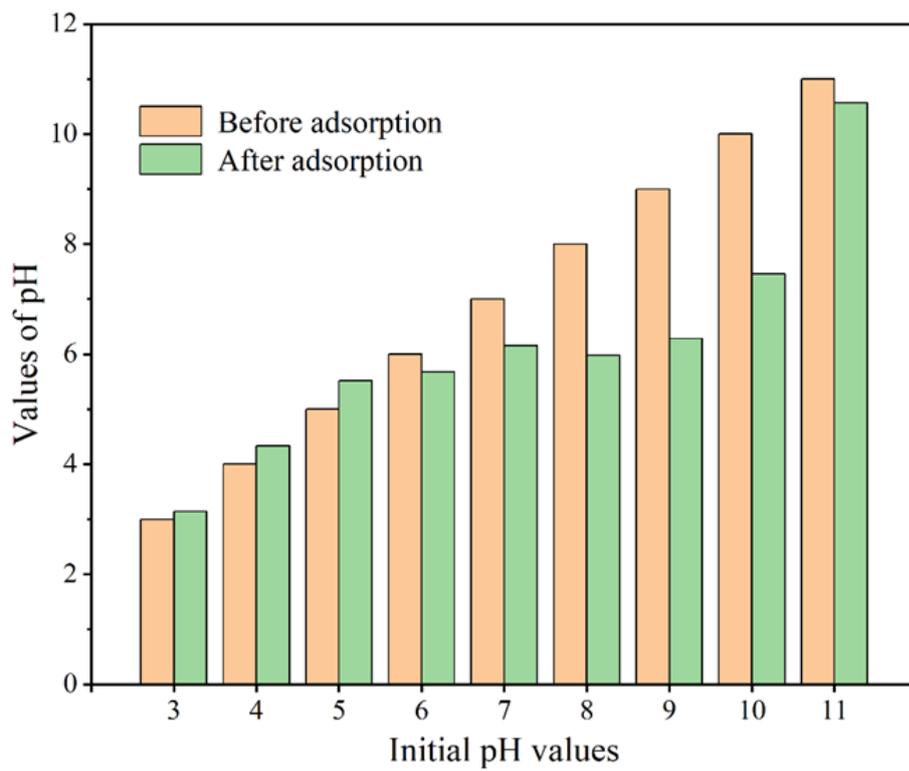


Figure S5. Variations of pH values after As(III) adsorption.

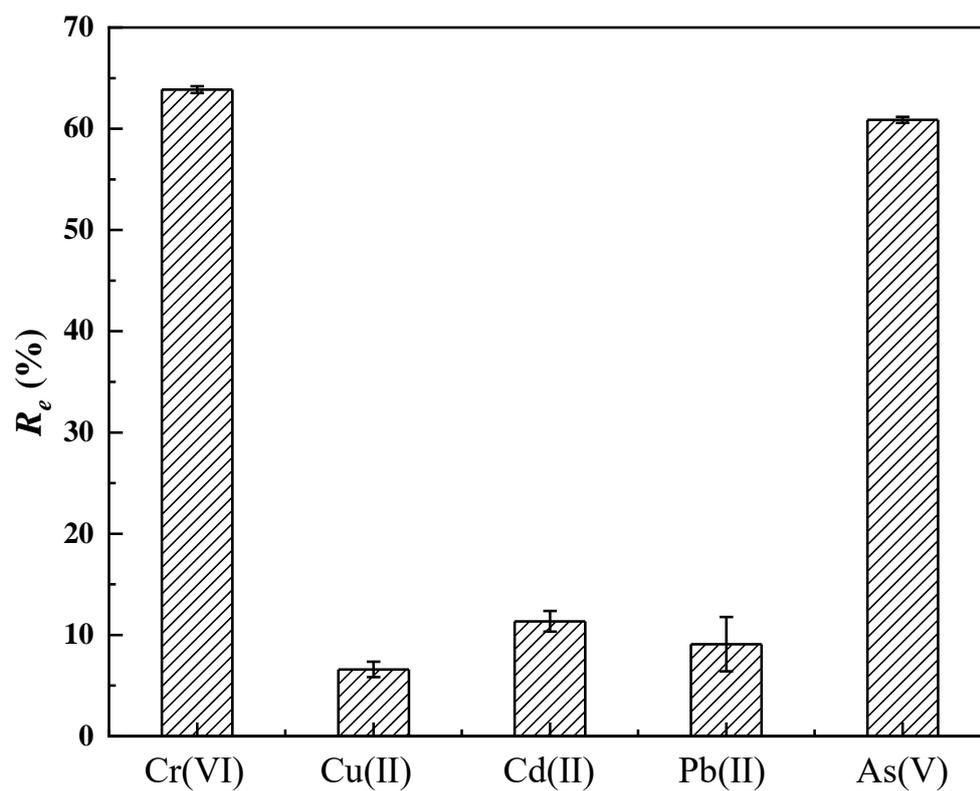


Figure S6. Removal efficiency (R_e) of MGOCS for different heavy metals.