polymers

MDPI

Supplementary Materials

Mixed Dye Removal Efficiency of Electrospun Polyacrylonitrile–Graphene Oxide Composite Membranes

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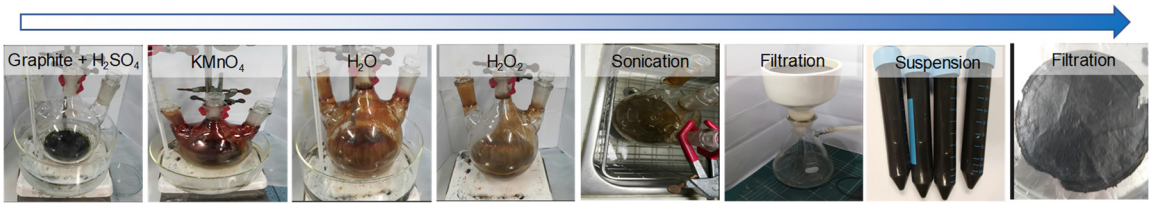

Figure S1. Preparation of GO via a modified Hummers' method.

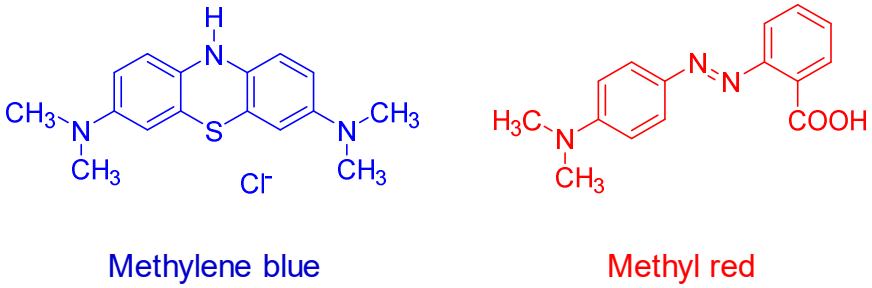

Figure S2. Structures of methylene blue (MB) and methyl red (MR).

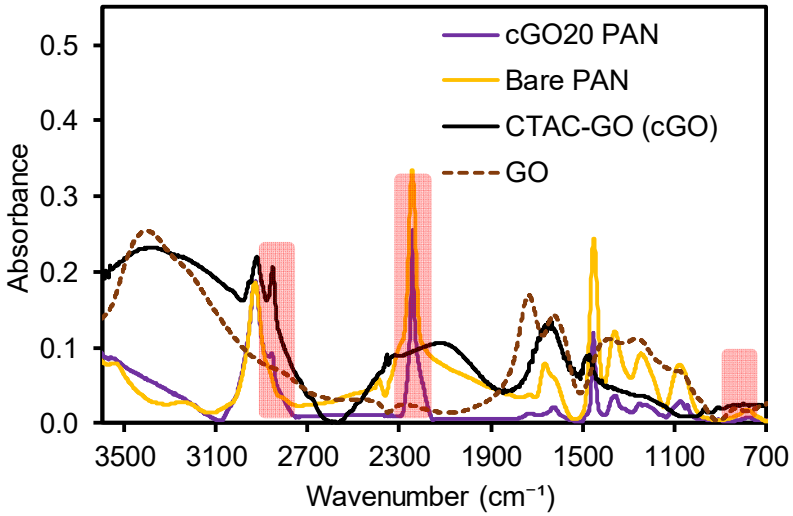

Figure S3. FT-IR spectra of GO, CTAC-modified GO (cGO), bare PAN, and cGO20 PAN composite nanofiber membranes (red highlights indicate the successful modification of GO with CTAC and their successful integration into the PAN nanofibers).

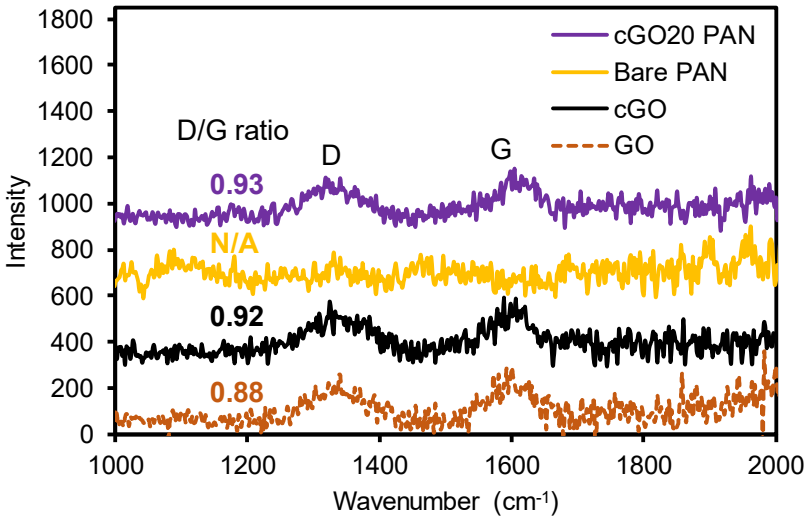

Figure S4. Raman spectra of GO, CTAC-modified GO (cGO), bare PAN, and cGO20 PAN composite nanofiber membrane.