Supplementary Information

Grafting thin layered graphene oxide onto the surface of nonwoven/PVDF-PAA composite membrane for efficient dye and macromolecule separations

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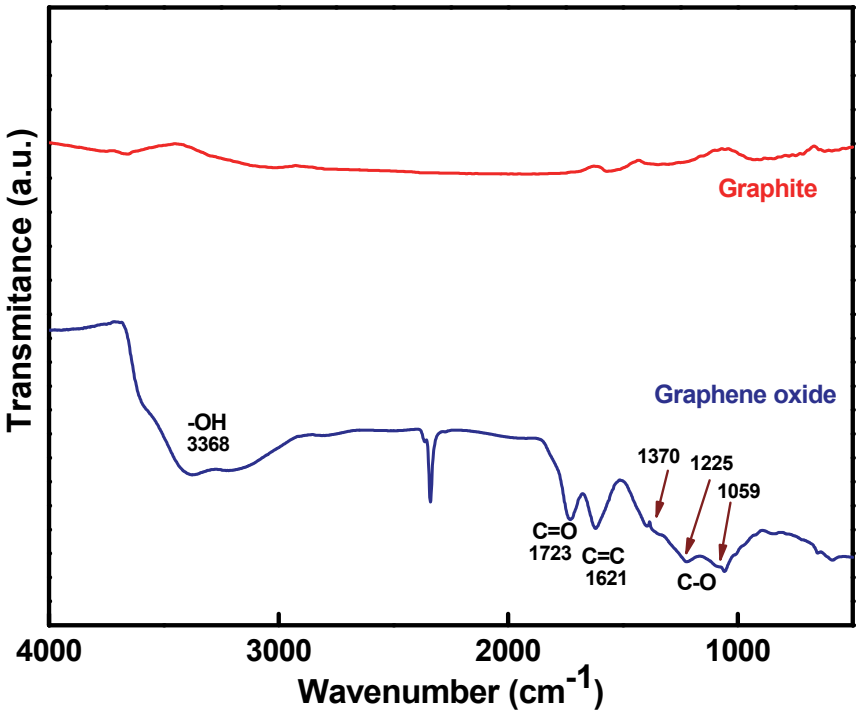

Figure S1. Fourier transform infrared spectroscopy (FTIR) spectrum of graphite and GO.

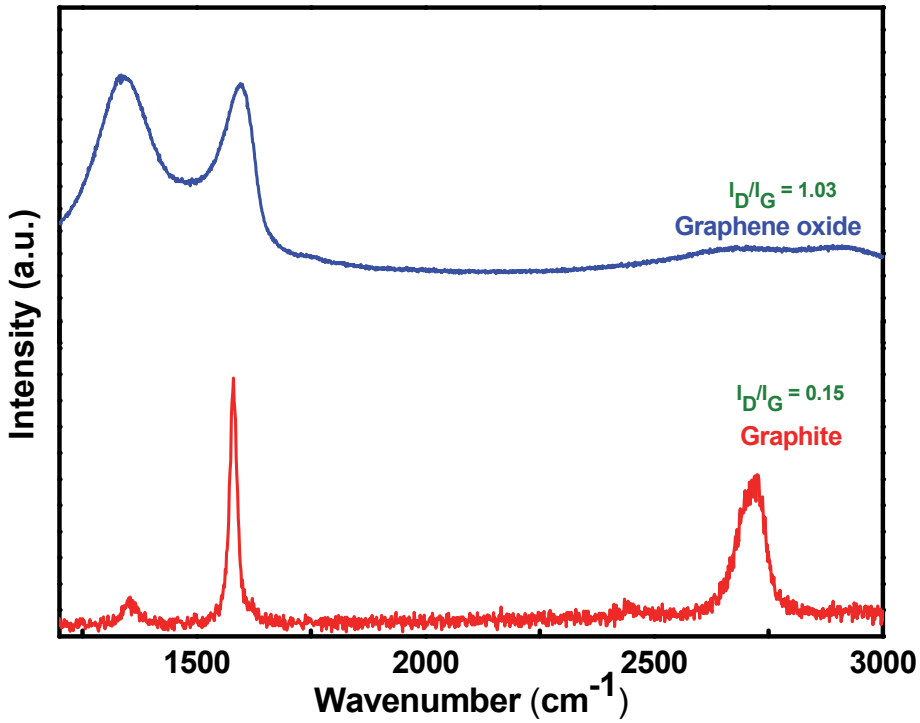

Figure S2. Raman spectrum of graphite and GO.

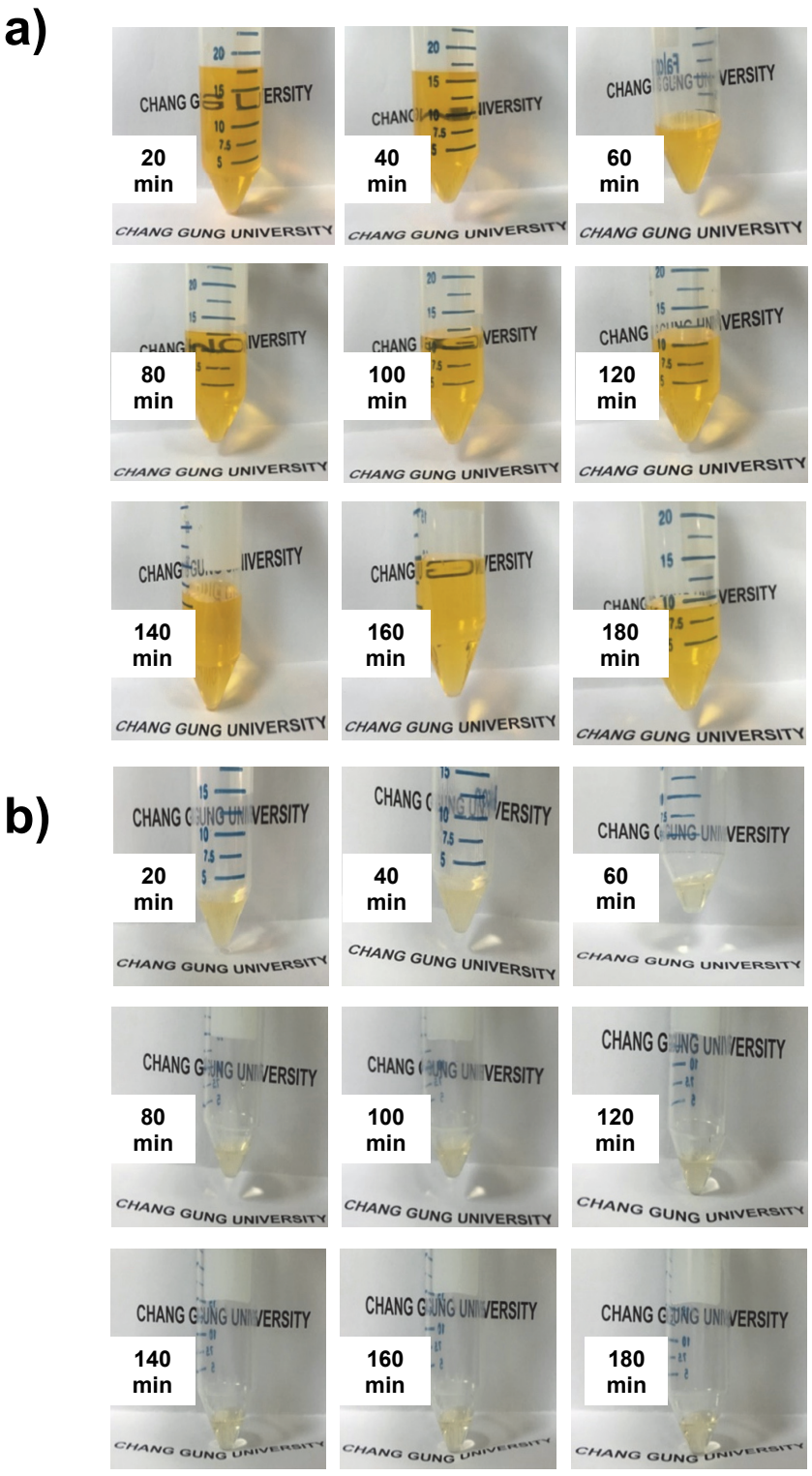

Figure S3. Photograph of methyl orange permeate solutions during various filtration times through (a) nonwoven/PVDF-PAA and (b) nonwoven/PVDF-PAA/GO membranes.

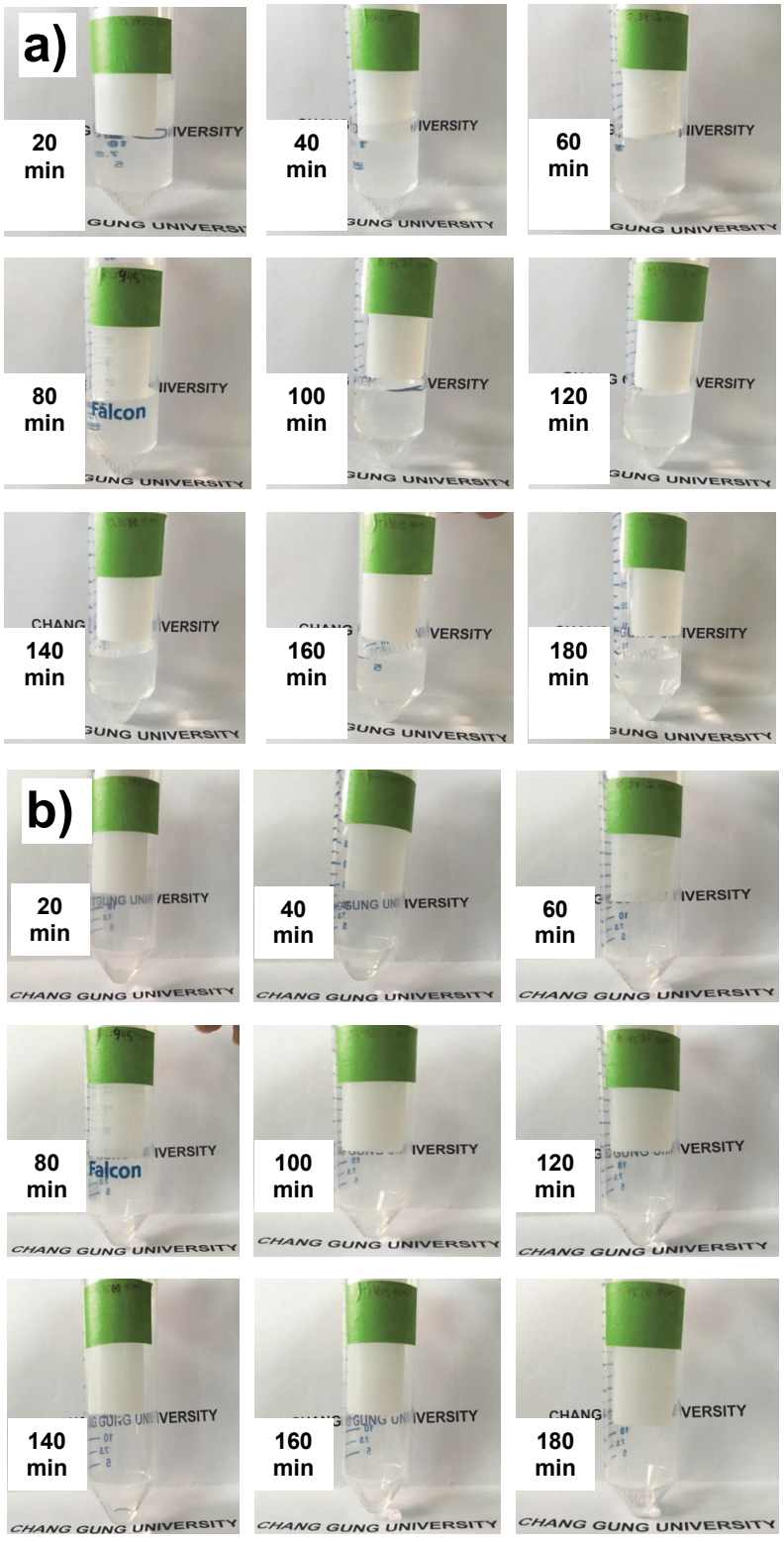

Figure S4. Photograph of folic acid permeate solutions during various filtration times through (a) nonwoven/PVDF-PAA and (b) nonwoven/PVDF-PAA/GO membranes.