

*Supporting information*

# **Fabrication of PCL/CMARX/GO Composite Nanofibrous Mats for Dye Adsorption: Wastewater Treatment**

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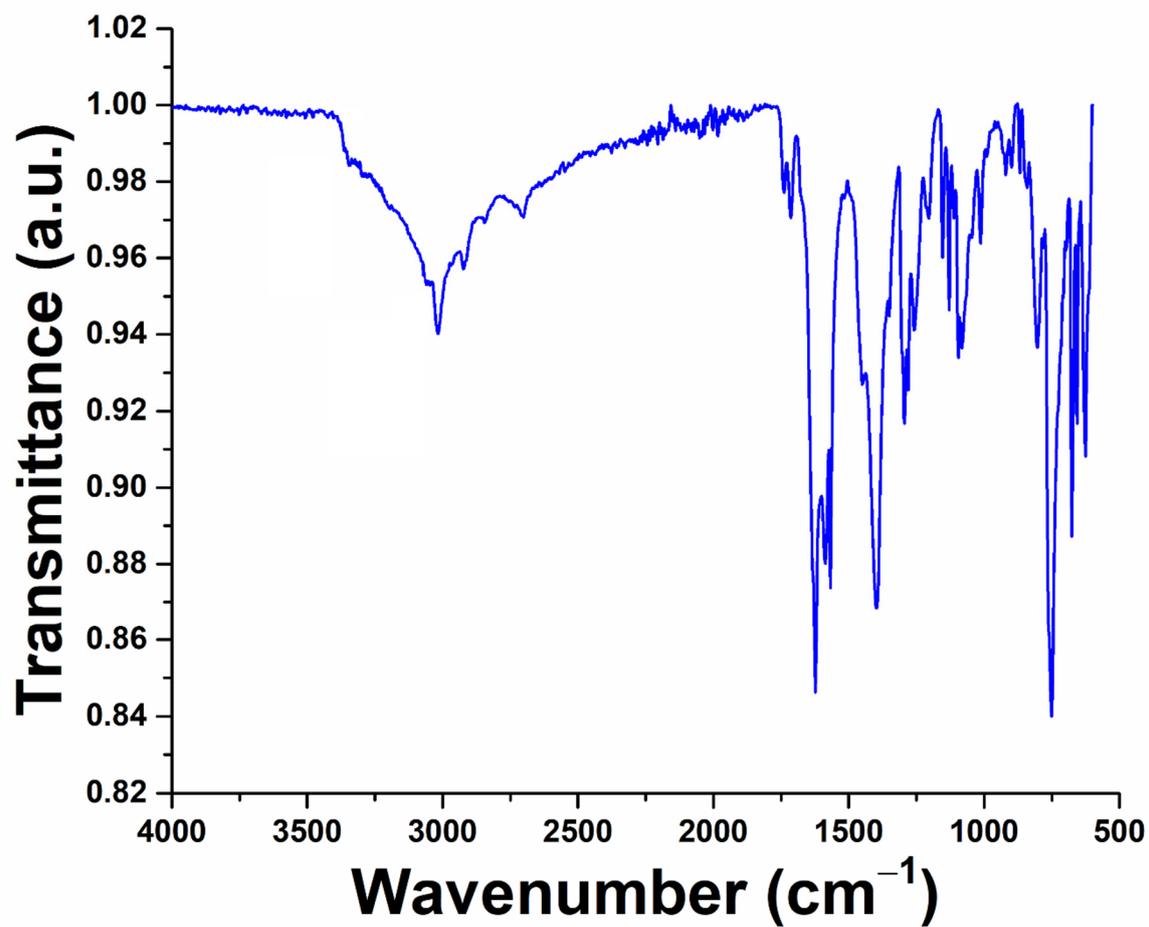


Figure S1. FTIR spectrum of PLA.

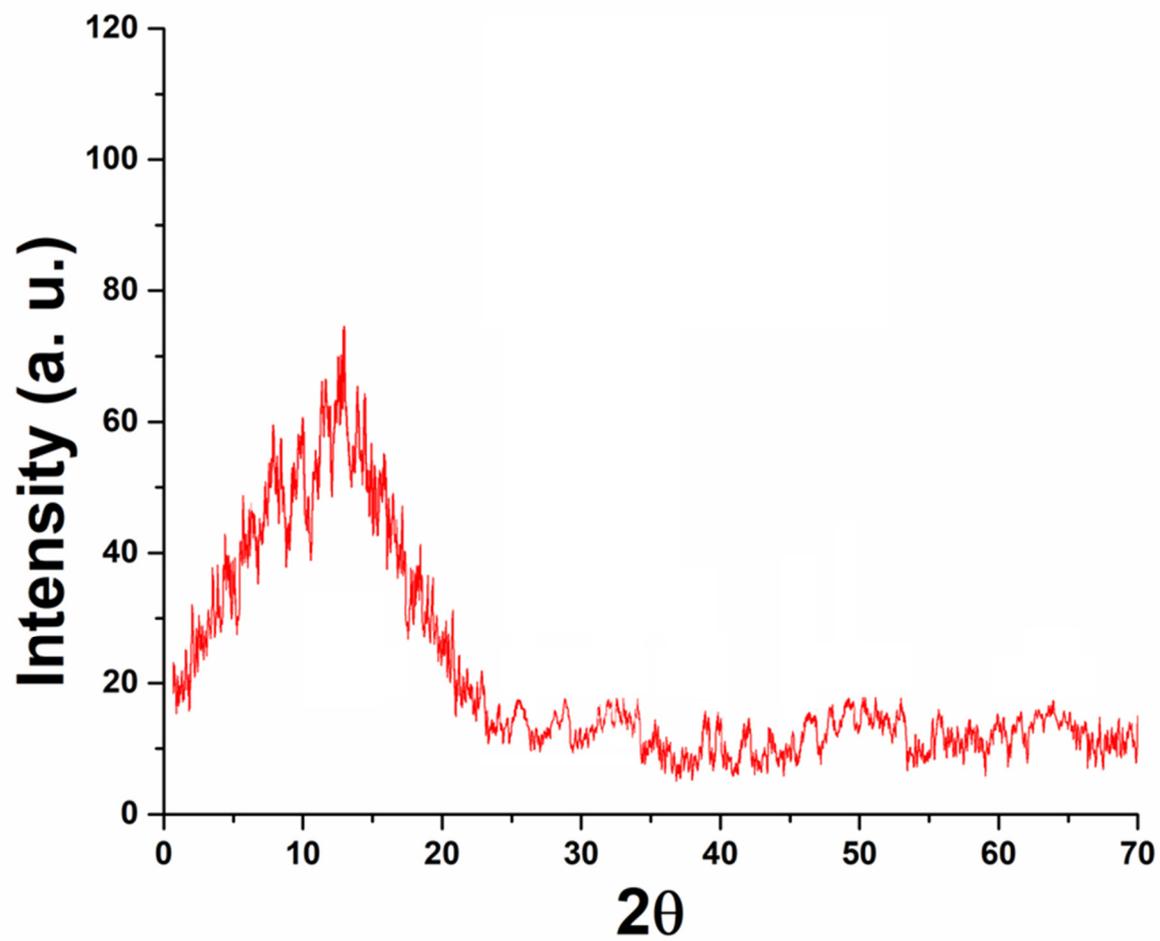


Figure S2. XRD spectrum of PCG.

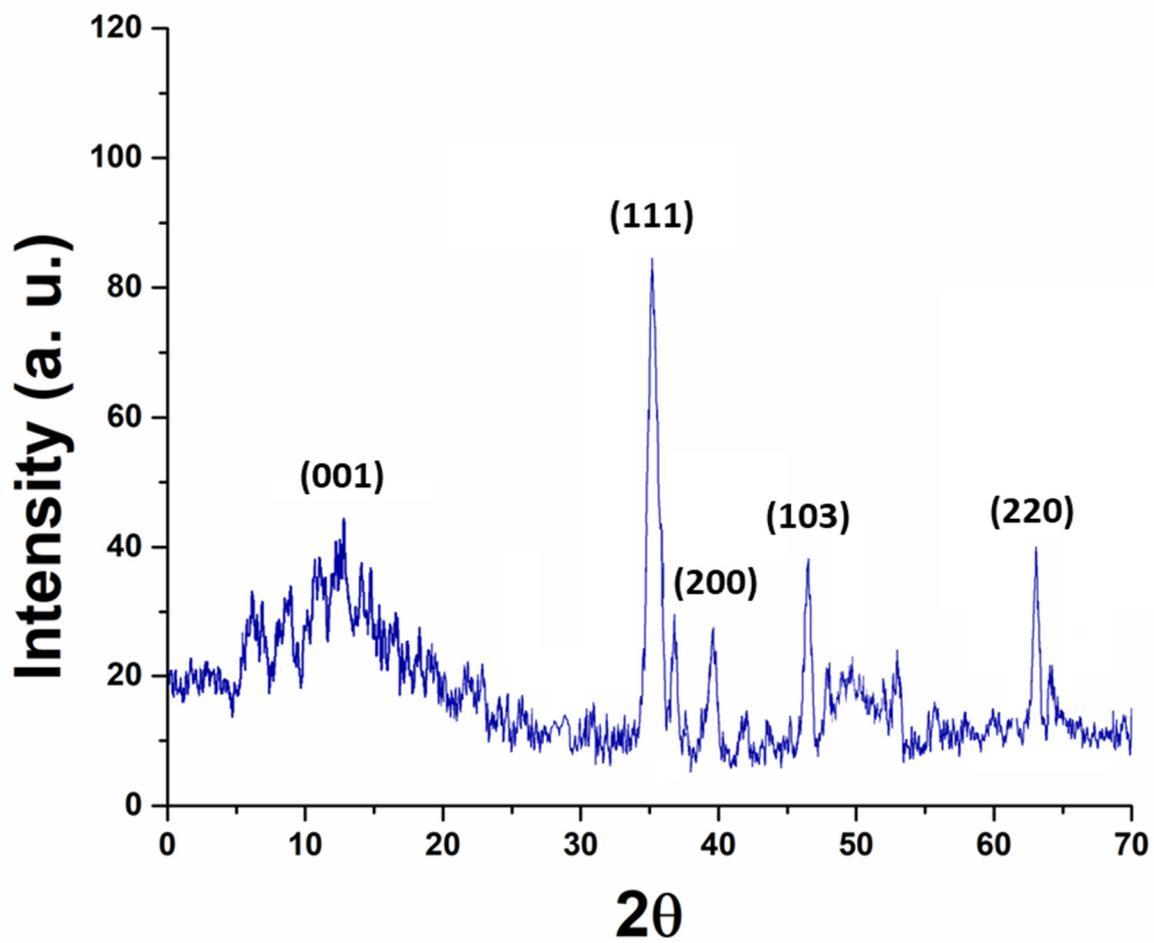


Figure S3. XRD spectrum of PCG@Ag.

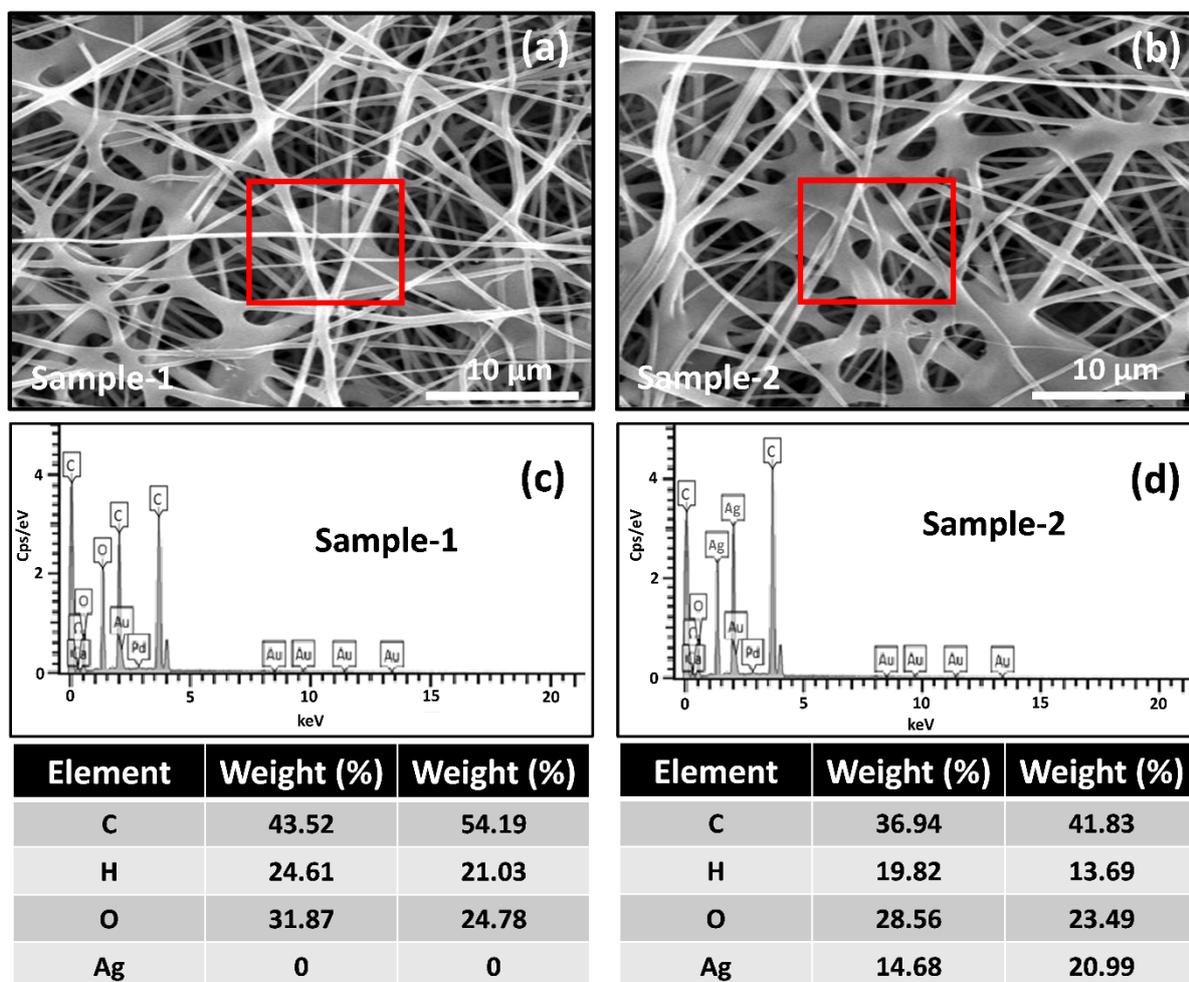


Figure S4. Surface morphologies and elemental analysis of the nanofibrous membranes (sample-1 and sample-2) by single electron microscope (SEM) and Energy Dispersive X-ray (EDX) microanalysis. (a and b) SEM analysis of sample-1 and sample-2 at 10  $\mu\text{m}$ . (c and d) EDX analysis of sample-1 and sample-2 along with their elemental profile.