

Supporting Information

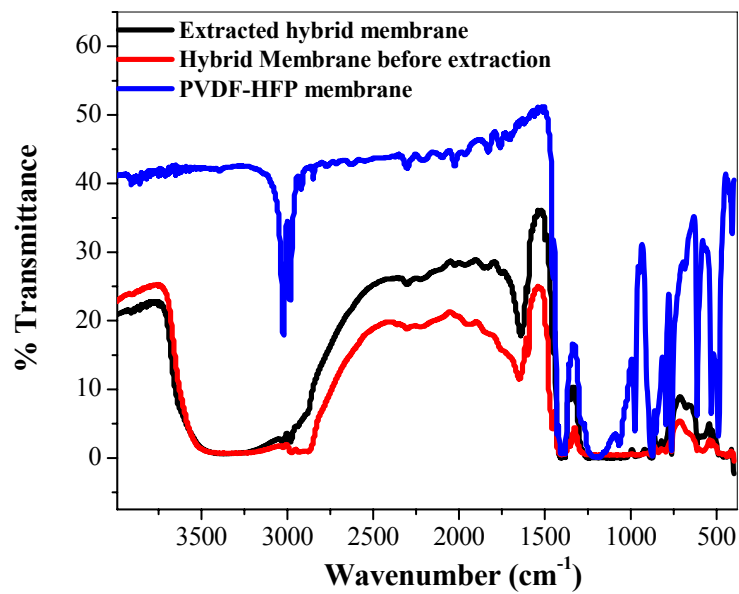


Figure S1. Representative FTIR spectra of hybrid membranes with additional SBA-15-SO₃H powder (before and after extraction of the surfactant and PVDF-HFP membrane as reference).