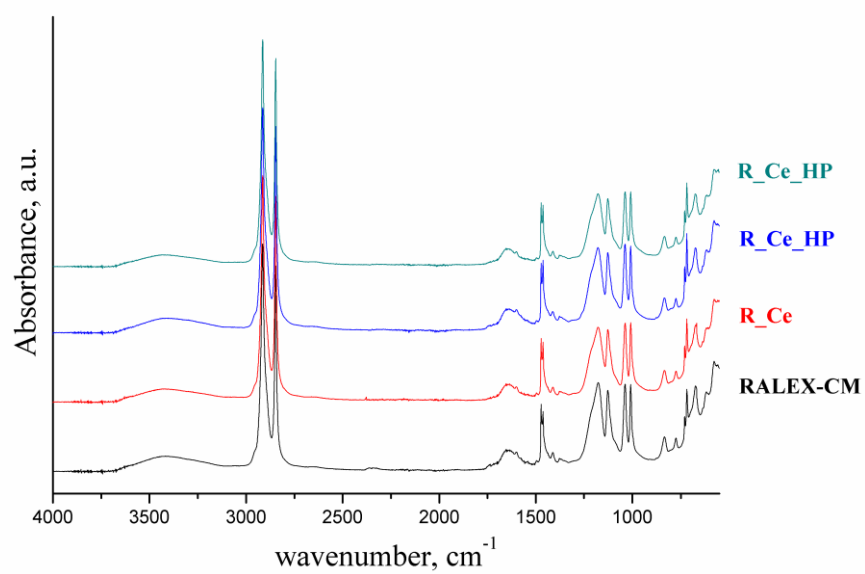


## Supporting information



**Figure S1.** FTIR spectra of the composite RALEX-CM membranes with ceria.