

Dual role of a di-urethanesil hybrid doped with europium β -diketonate complexes containing either water ligands or a bulky chelating ligand

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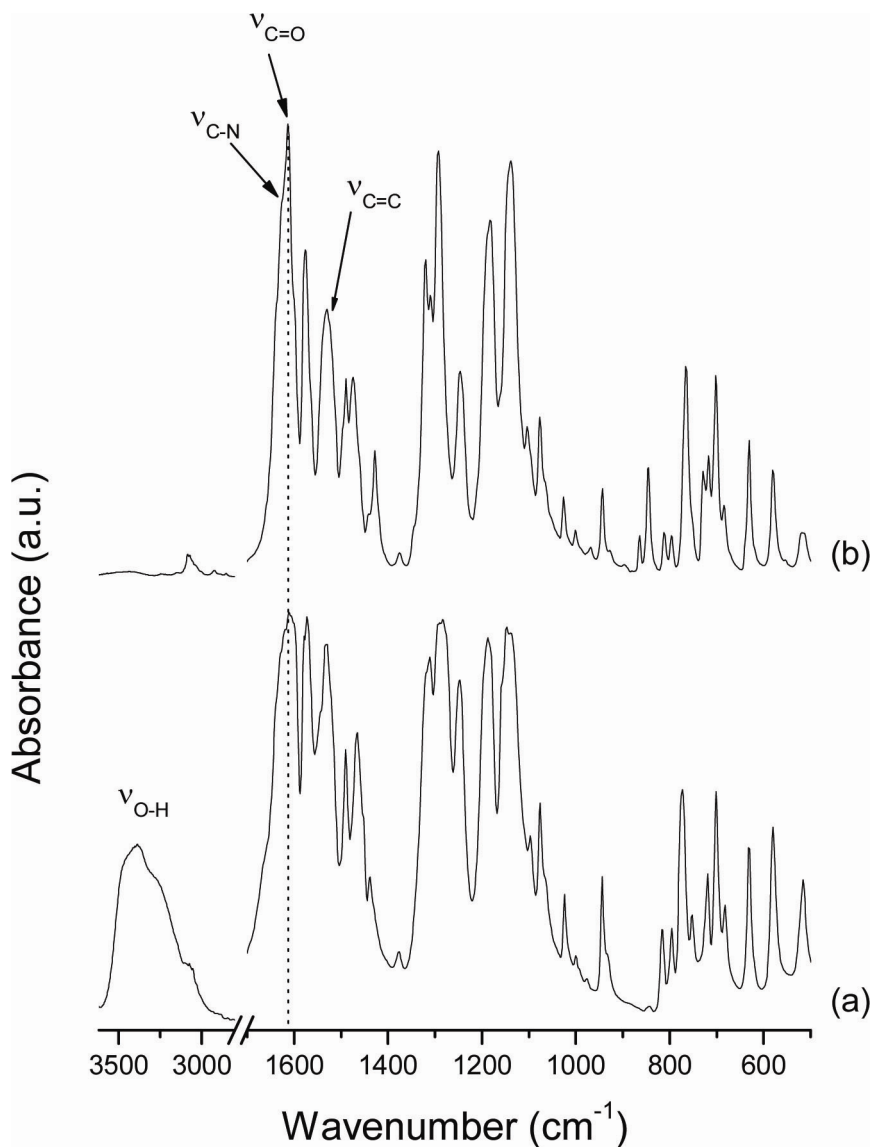


Fig. S1 FT-IR spectra of the $\text{Eu}(\text{btfac})_3\text{L}$ complexes: (a) $L = (\text{H}_2\text{O})_2$ and (b) $L = \text{phen}$

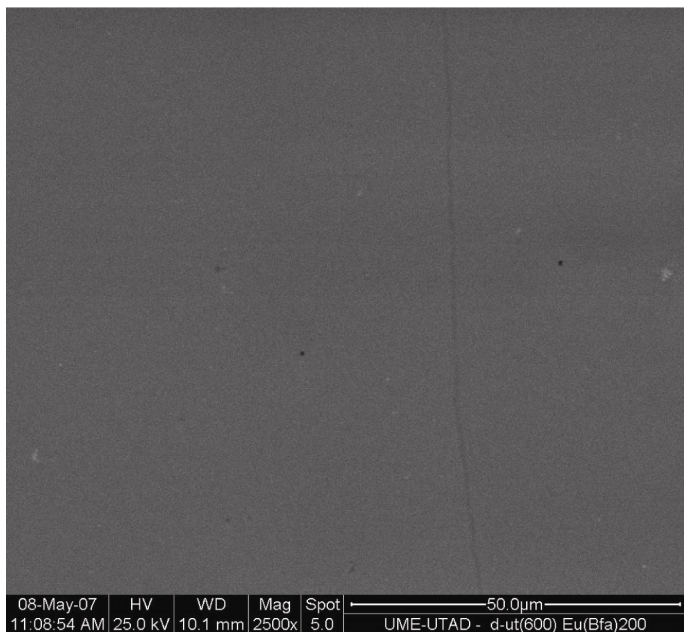


Fig. S2 Typical SEM micrograph of the $d\text{-Ut}(600)_{200}\text{Eu}(\text{btfa})_3(\text{H}_2\text{O})_2$ di-urethanesil

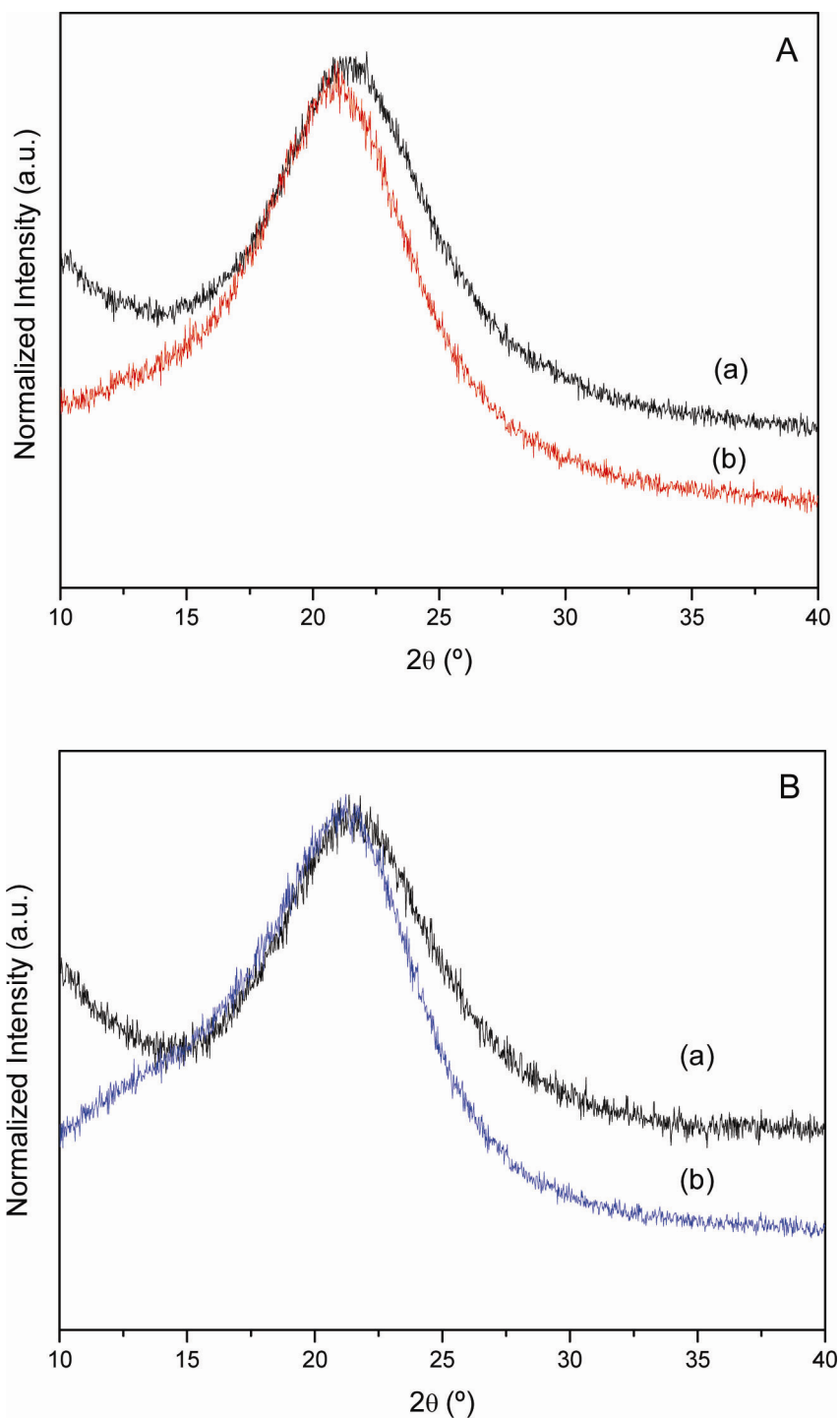


Fig. S3 XRD patterns of the d-Ut(600)_n Eu(btfac)₃L di-urethanesils: **A:** L= (H₂O)₂: (a, black line) n = 400; (b, red line) n= 200; **B:** L= phen: (a, black line) n = 400; (b, blue line) n= 200