

SUPPLEMENTARY INFORMATION

Fig. S1 Optical micrograph showing the macroscopic homogeneity of a film.

Fig. S2 Quinizarin emission spectra of CS14Q_{III} films prepared with (before and after ethanol washing) and without CTAB surfactant ($\lambda_{\text{exc}}=500\text{nm}$).

Fig. S3 RBS measured and calculated spectra. Two peaks are observed, corresponding to light atoms (C,N,O) at 720 keV and to Eu atoms at 1790 keV.

Fig. S4 Emission spectra of quinizarin in ethanol (10^{-4}M) with one equivalent of europium acetylacetonate, nitrate or chloride ($\lambda_{\text{exc}}=480\text{nm}$).

Fig. S5 Infrared spectra of CS10Q_I film (A) before ethanol washing (B) after ethanol washing and complexation of europium acetylacetonate.

FIGURE S1

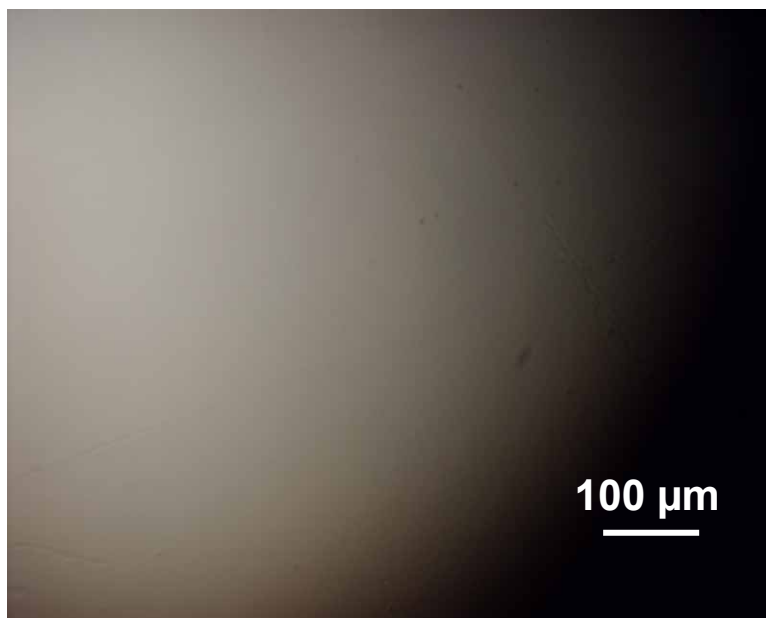


FIGURE S2

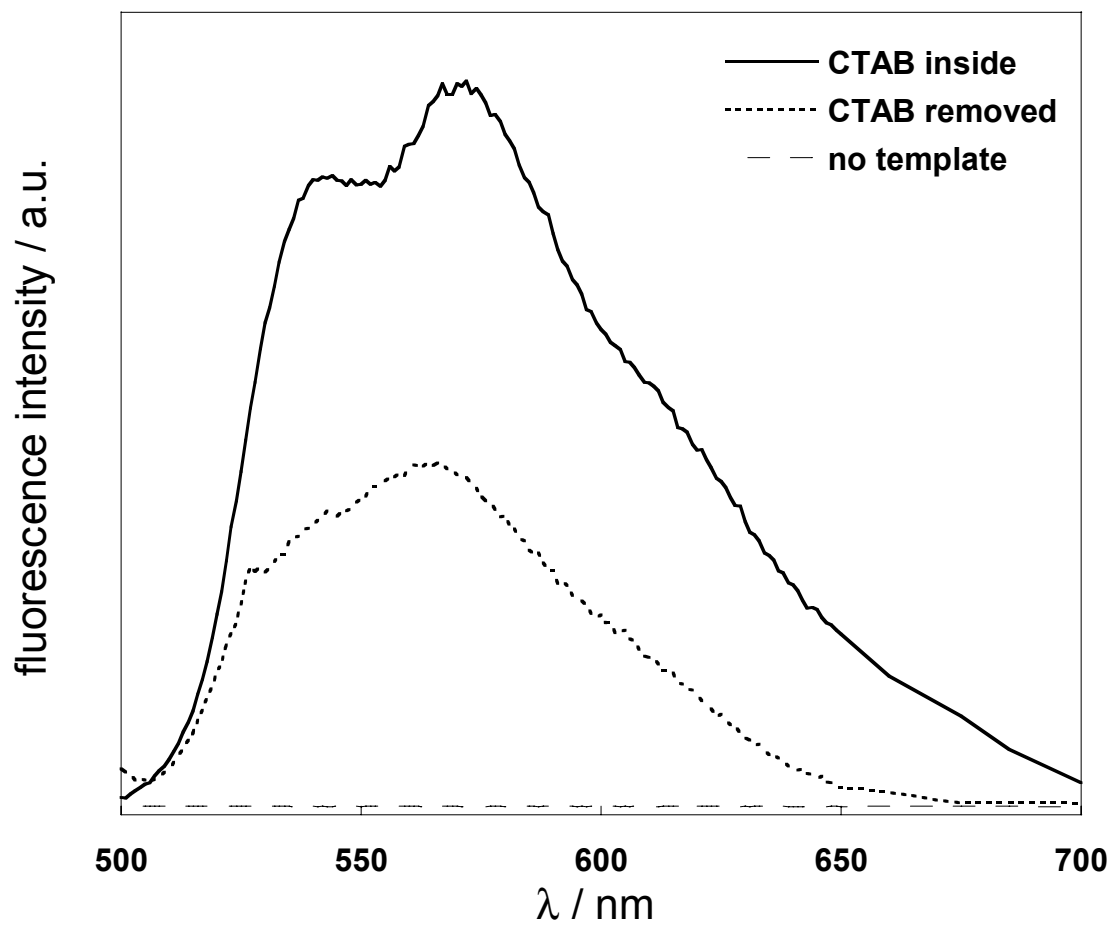


FIGURE S3

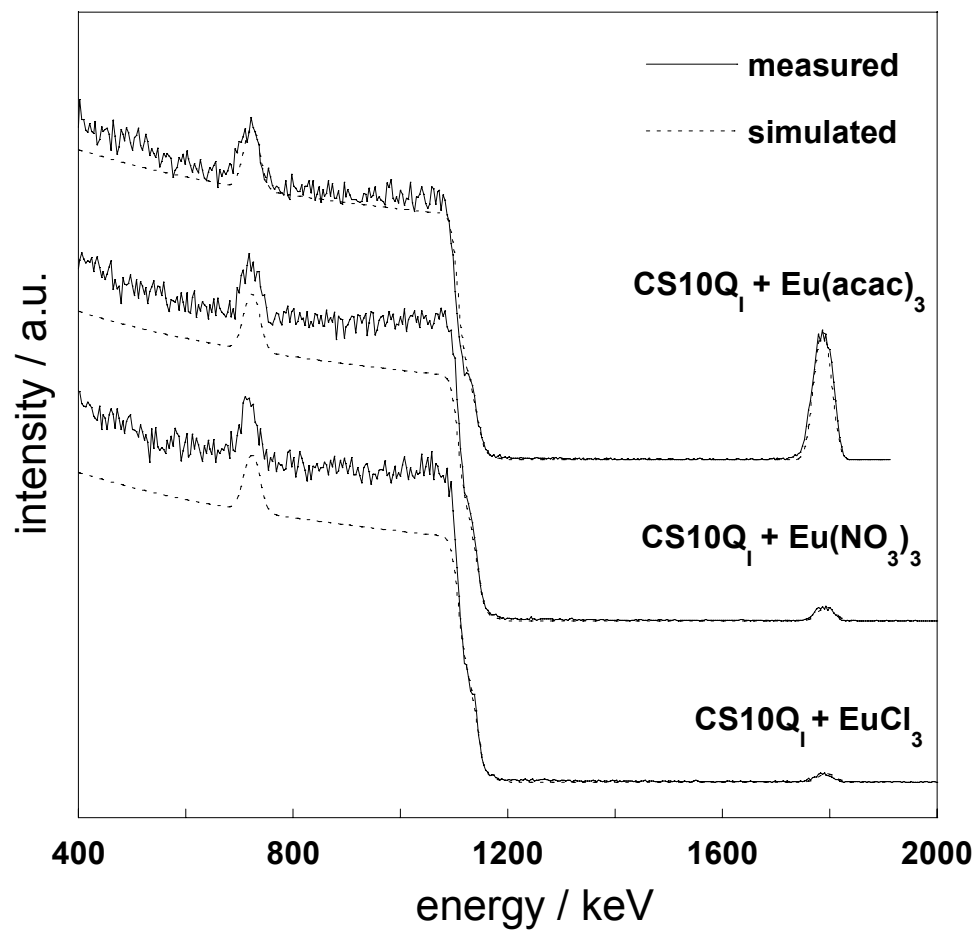


FIGURE S4

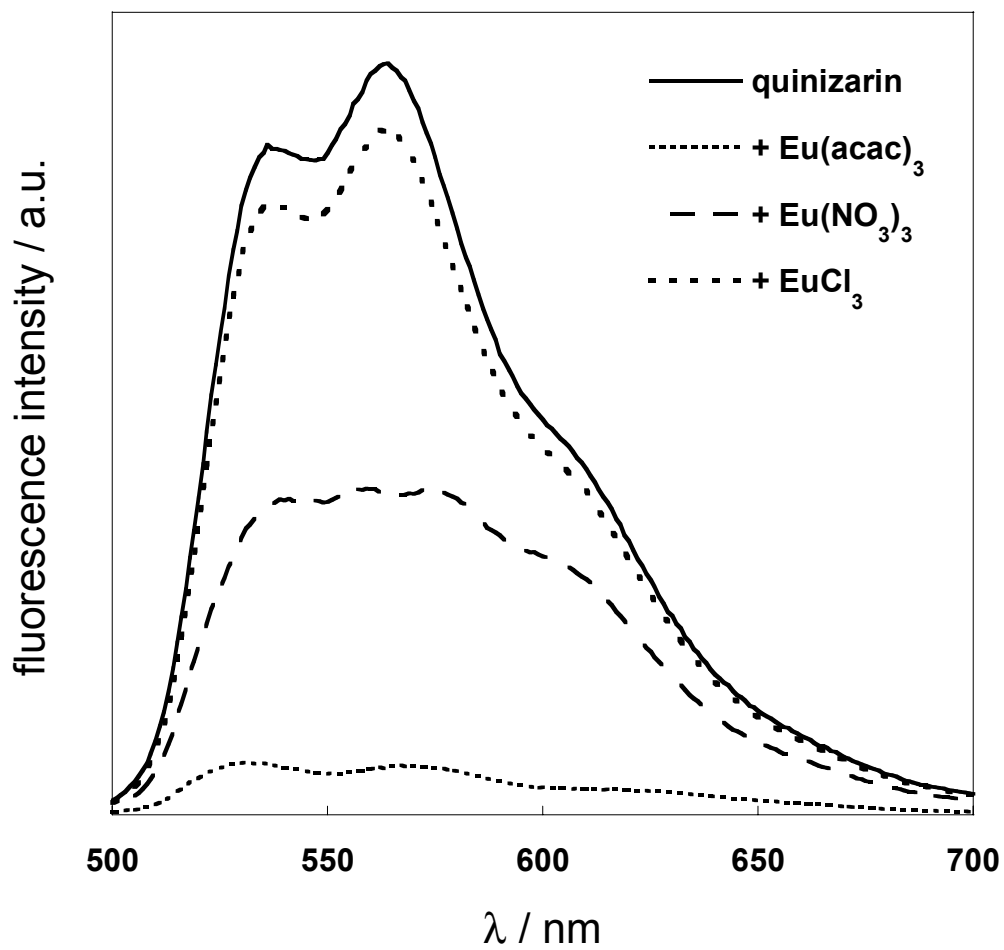


FIGURE S5

