

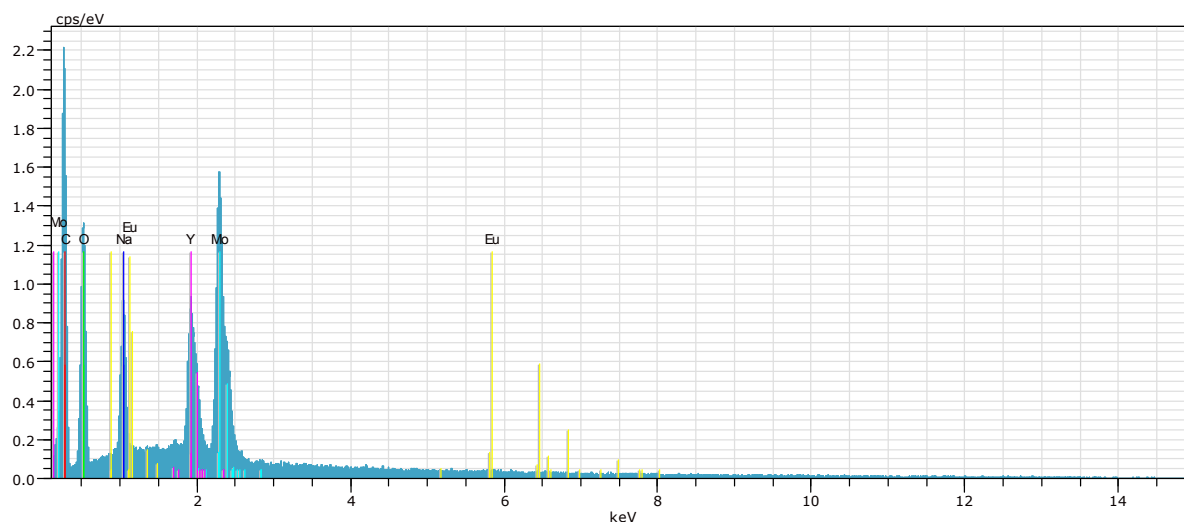
## Support Informations

### Tunable morphologies, Multicolor Properties and Applications of RE<sup>3+</sup> doped NaY(MoO<sub>4</sub>)<sub>2</sub> Nanocrystals via a facile ligand-assisted reprecipitation Process

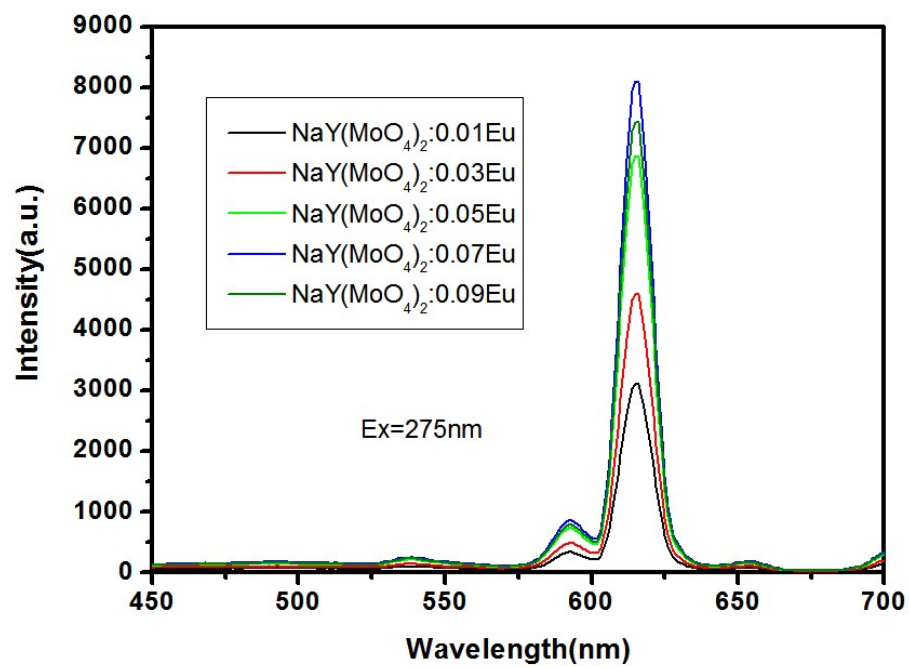
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**Fig. S1.** EDS spectra of as-prepared typical NaY(MoO<sub>4</sub>)<sub>2</sub>:Eu NCs.



**Fig. S2.** The normalized PL spectra of the  $\text{Eu}^{3+}$  doped samples with different doping concentration.