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Supporting Information of

**Controllable White Upconversion luminescence in
 $\text{Ho}^{3+}/\text{Tm}^{3+}/\text{Yb}^{3+}$ co-doped CaMoO_4**

Particle morphology and size distribution of $\text{Ho}^{3+}/\text{Tm}^{3+}/\text{Yb}^{3+}$ co-doped CaMoO_4 crystal

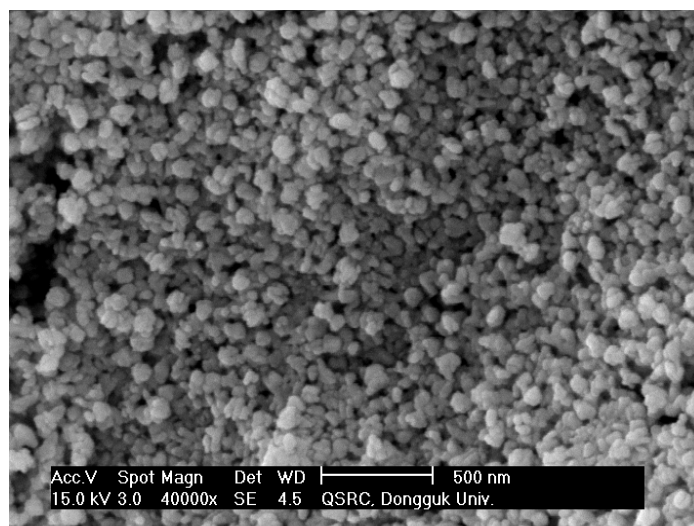


Fig.S1. SEM image of $\text{CaMoO}_4:0.5\% \text{Ho}^{3+}/0.5\% \text{Tm}^{3+}$ sample prepared at 600 °C

Figure S1 shows FE-SEM of CaMoO_4 UC phosphor sample doped with 0.5 % Ho^{3+} , 0.5 % Tm^{3+} and 16 % Yb^{3+} prepared at 600 °C for 3 hrs. The sample shows spherical and uniform particles with size less than 100 nm. Other CaMoO_4 UC phosphor samples doped with different doping concentrations represented similar particle morphology and size distribution.