

Support Information

Rapid, large-scale production, morphology controllable synthesis of uniform Y(OH)₃ and tunable luminescent properties of Y₂O₃:Yb³⁺/Ln³⁺ (Ln = Er, Tm and Ho)

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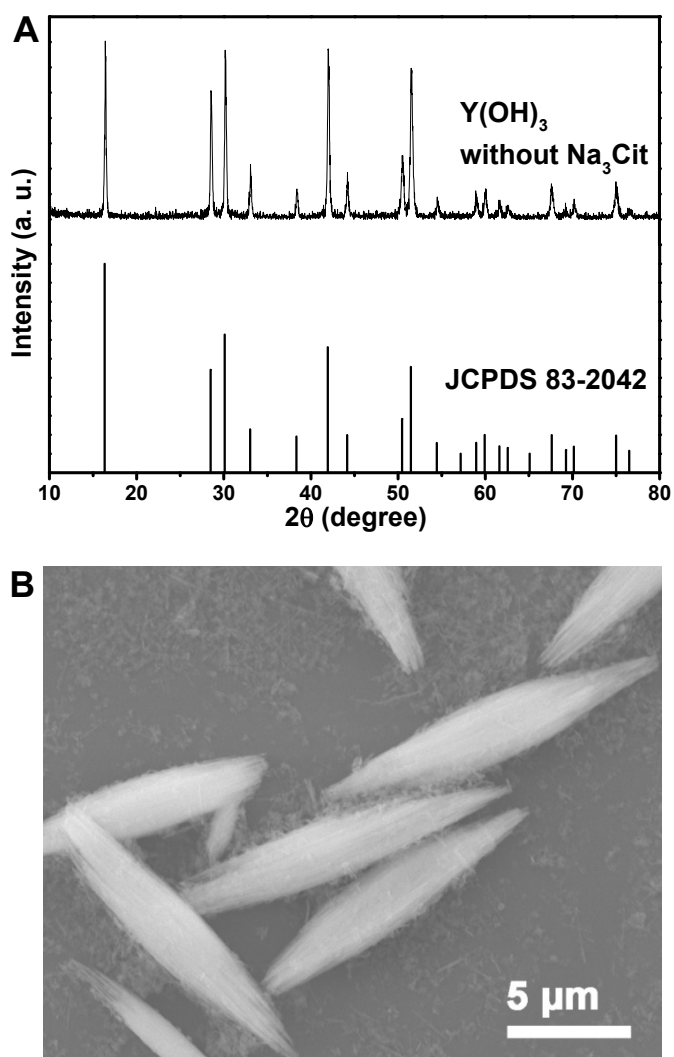


Fig. S1 (A) XRD patterns and (B) SEM images of Y(OH)₃ prepared at 90 °C for 2 h under 4.8 g NaOH without Na₃Cit.

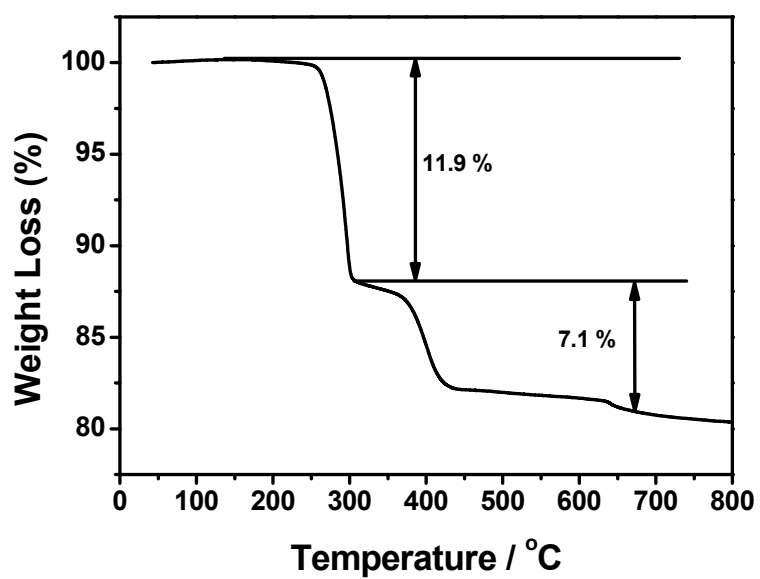


Fig. S2 TGA curve of the as-prepared Y(OH)₃ precursor.

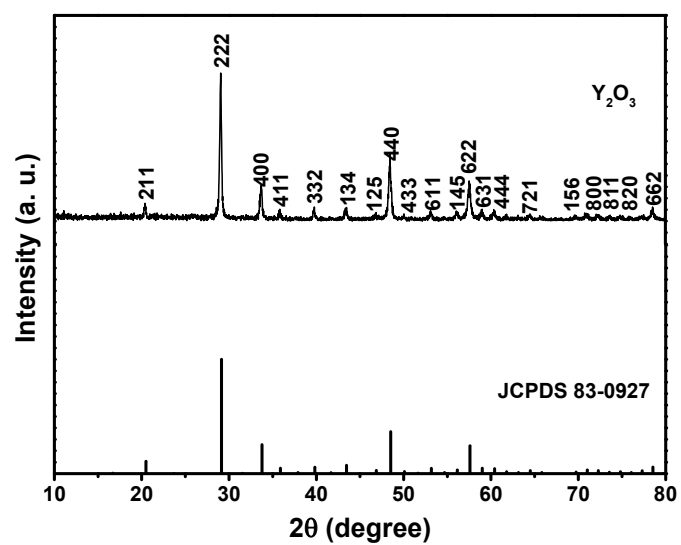


Fig. S3 XRD pattern of Y_2O_3 obtained after calcination at 800 °C for 2 h.