
Supplementary Information

**Combination cation substitution tuning of yellow-orange
emitting phosphor $\text{Mg}_2\text{Y}_2\text{Al}_2\text{Si}_2\text{O}_{12}:\text{Ce}^{3+}$**

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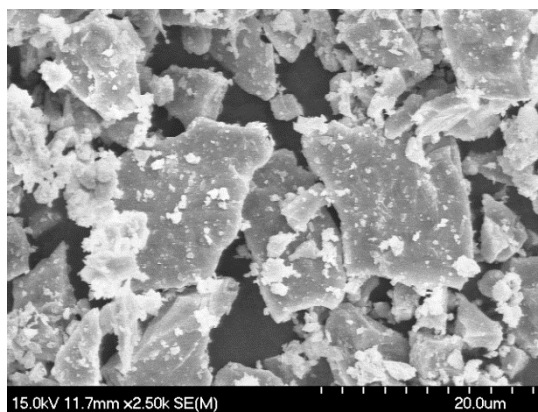


Figure S1 SEM image of the host $\text{Mg}_2\text{Y}_2\text{Al}_2\text{Si}_2\text{O}_{12}$.