

Supplementary Information
RSC Advances

A red-emitting $\text{Sr}_3\text{La}_{(1-x)}\text{Eu}_x(\text{AlO})_3(\text{BO}_3)_4$ phosphor with high thermal stability and color purity for
near-UV-excited wLEDs

Cheng Yue^a, Dachuan Zhu^{a,*}, Qun Yan^a and Yong Pu^b

^a *College of Material Science and Engineering, Sichuan University, Chengdu Sichuan, 610065, China*

^b *Research Institute for New Materials Technology, Chongqing University of Arts and Sciences, Yongchuan Chongqing 402160, China*

* Corresponding author; Tel: +86 02885460830; fax: +86 02885460830

E-mail: zhudachuan@scu.edu.cn (D. C. Zhu)

Postal address: College of Material Science and Engineering, Sichuan University, Chengdu, Sichuan, P.R. China.

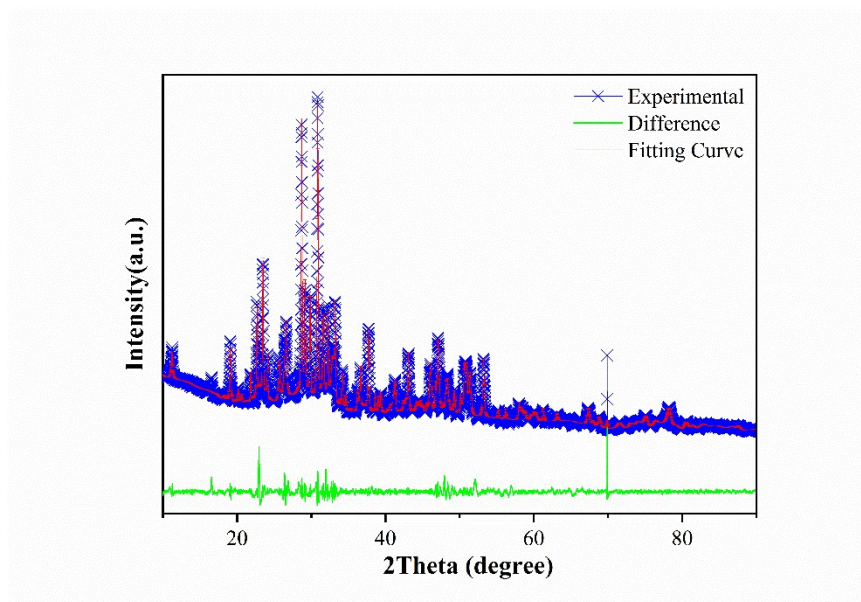


Figure S1. Rietveld refinement of $\text{Sr}_3\text{La}(\text{AlO})_3(\text{BO}_3)_4 \cdot \text{Eu}^{3+}$ phosphor (Rwp = 12.60%, Rp = 9.82%).