Novel Eu$^{2+}$-activated Thiogallate Phosphors for White LED Applications: Structural and Spectroscopic Analysis

Szu-Ping Lee†, Ting-Shan Chan‡, Somrita Dutta† and Teng-Ming Chen*†
†Phosphors Research Laboratory, Department of Applied Chemistry and Institute of Molecular Science, National Chiao Tung University, Hsinchu 30010, Taiwan.
‡National Synchrotron Radiation Research Center, Hsinchu 30076, Taiwan

Supporting Information.

The following files are free of charge.

Figure S1. EDS spectra and SEM image of as-synthesizes (a) BaGa$_2$SiS$_6$ and (b) Ba$_2$Ga$_8$Si$_{16}$ phosphor.