Supplementary Materials

Luminescence Properties of Nano Zinc Oxide Doped with Al(III) Ions Obtained in Microwave-Assisted Hydrothermal Synthesis

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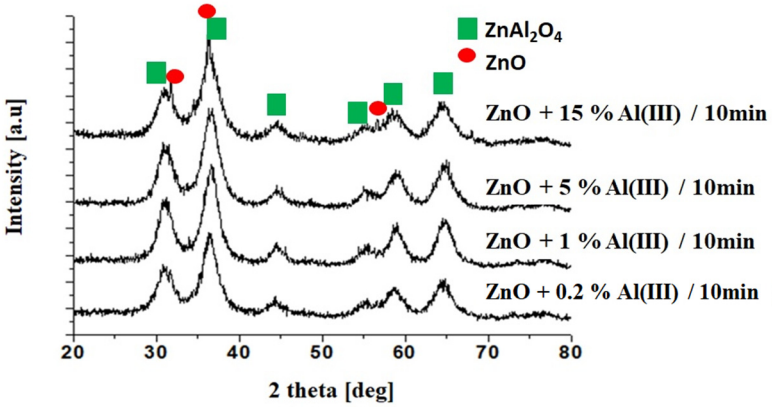

Figure S1. XRD paterns for selected samples obtained in microwave reactor (10 minutes).The plot shows the XRD peaks for selected ZnO samples doped with Al(III) ions obtained in a microwave reactor for 10 min. The appearance of spinel phase can be observed for samples with Al(III) ion content of 5 and 15 %. Below this value only ZnO phase was obtained.