

Supporting data

Facile synthesis of cationic doped $[\text{Ca}_{24}\text{Al}_{28}\text{O}_{64}]^{4+} \cdot (4\text{e}^-)$ composite via rapid citrate sol-gel method

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1. XRD data

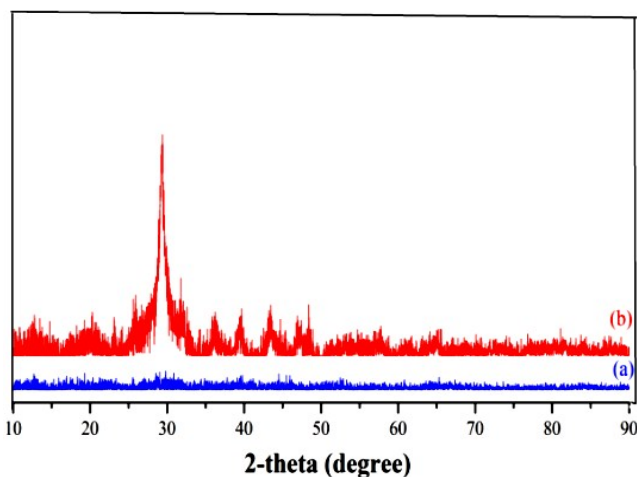


Fig. S1: XRD graph of sample heat treated at 700 °C in (a) N₂- (b) air-atmosphere.

2. Thermogravimetric and differential temperature analysis (TG/DTA) Analysis:

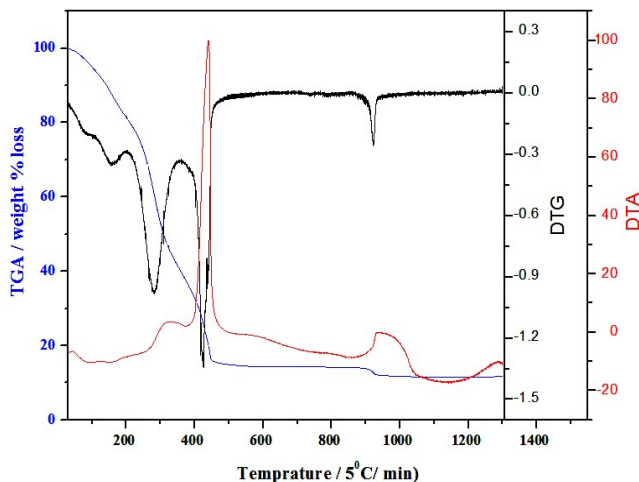


Fig. S2. TG/DTA graph of gel formed by mixed-milled nitrates heat treated at about 100 °C.