

Fig. S1 XRPD pattern of the sample $[\text{Zn}_{0.65}\text{Al}_{0.35}(\text{OH})_2](1\text{CA})_{0.315}(\text{Cl})_{0.035}\cdot 0.72 \text{H}_2\text{O}$.

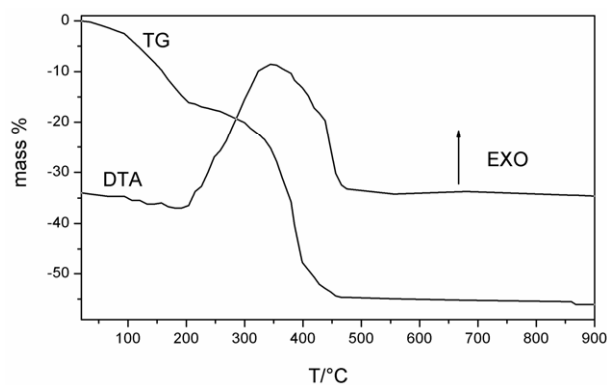


Fig. S2 TGA and DTA curves of ZnAl-1AA. Operative condition: air flow, heating rate 5°C/min.

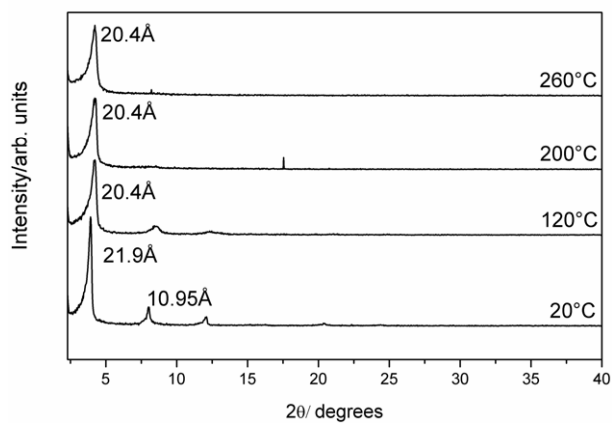


Fig. S3 XRPD patterns of the sample ZnAl-1AA recorded at the indicated temperatures.