

Supplementary Information

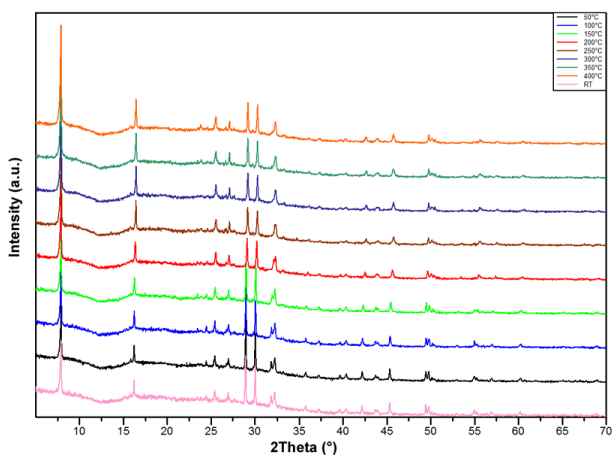


Fig. A: XRD patterns of sample b-2 recorded from room temperature to 400 °C in 50 ° steps.

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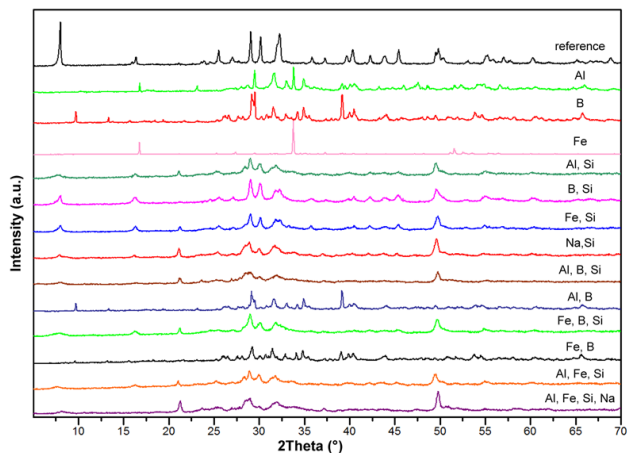


Fig. B: XRD patterns of samples from conventional hydrothermal synthesis with addition of B_2O_3 , Na_2O , Al_2O_3 , SiO_2 and Fe_2O_3 according to the composition of borosilicate glass.

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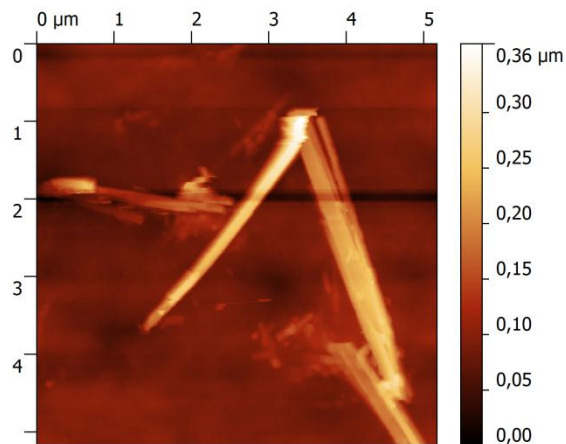


Fig. C. Topographical AFM image of microwave synthesized tobermorite; sample: q-3-MW.

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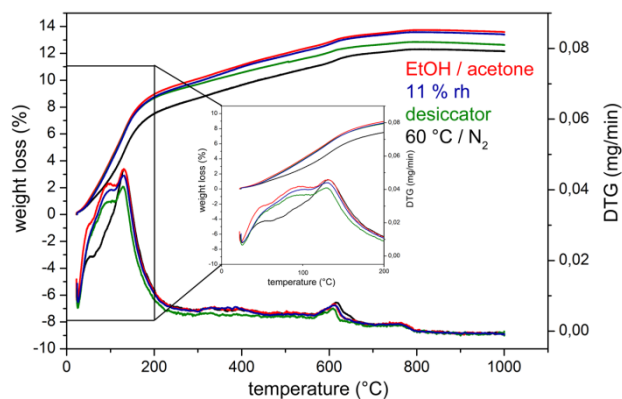


Fig. D: TGA data of sample q-3-MW dried using four different methods: red: stirred in dry EtOH for 30 mins and washed with dry acetone under suction; blue: stored at 11 % rh (saturated LiCl solution) for 3 d; green: dried in a desiccator under vacuum as described in the experimental part; dried at 60 °C under N_2 for 3d.