

# **Who is doing the job? Unraveling the role of Ga<sub>2</sub>O<sub>3</sub> in methanol steam reforming on Pd<sub>2</sub>Ga/Ga<sub>2</sub>O<sub>3</sub>**

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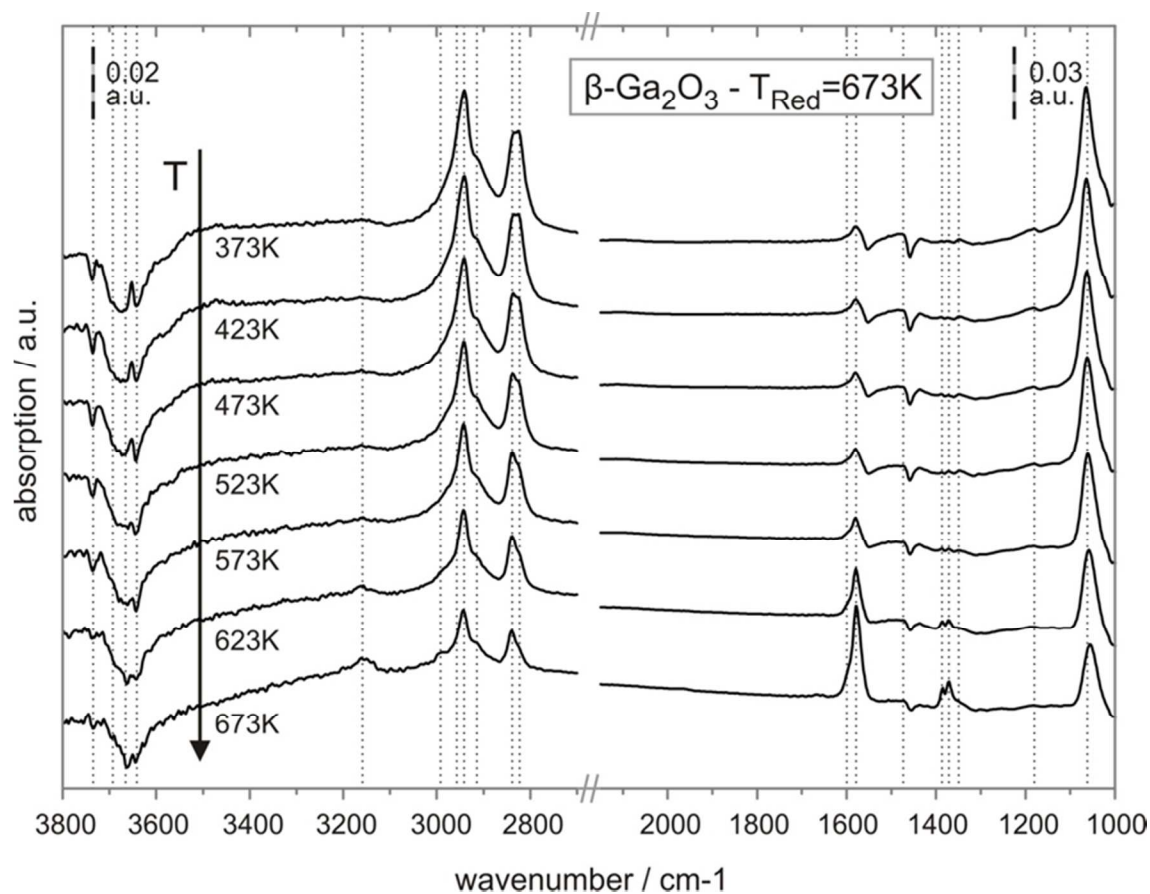


Figure S1: FTIR spectra of  $\beta\text{-Ga}_2\text{O}_3$  reduced at  $673\text{K}$ , recorded after adsorption of  $\text{CH}_3\text{OH}$ , during heating from  $373$  to  $673\text{K}$  in high vacuum.