

Supplementary Materials

Atomic Layer Deposition of ZnO on Mesoporous Silica: Insights into Growth Behavior of ZnO via In-Situ Thermogravimetric Analysis

Piyush Ingale ¹, Kristian Knemeyer ¹, Mar Piernavieja Hermida ¹, Raoul Naumann d'Alnoncourt ^{1,*}, Arne Thomas ² and Frank Rosowski ^{1,3}

¹ BasCat—UniCat BASF JointLab, Technische Universität Berlin, Hardenbergstraße 36, 10623 Berlin, Germany; p.ingale@bascat.tu-berlin.de (P.I.); k.knemeyer@bascat.tu-berlin.de (K.K.); m.piernaviejahermida@tu-berlin.de (M.P.H.); frank.rosowski@basf.com (F.R.)

² Institut für Chemie, Technische Universität Berlin, 10623 Berlin, Germany; arne.thomas@tu-berlin.de

³ Process Research and Chemical Engineering, BASF SE, 67056 Ludwigshafen, Germany

* Correspondence: r.naumann@bascat.tu-berlin.de

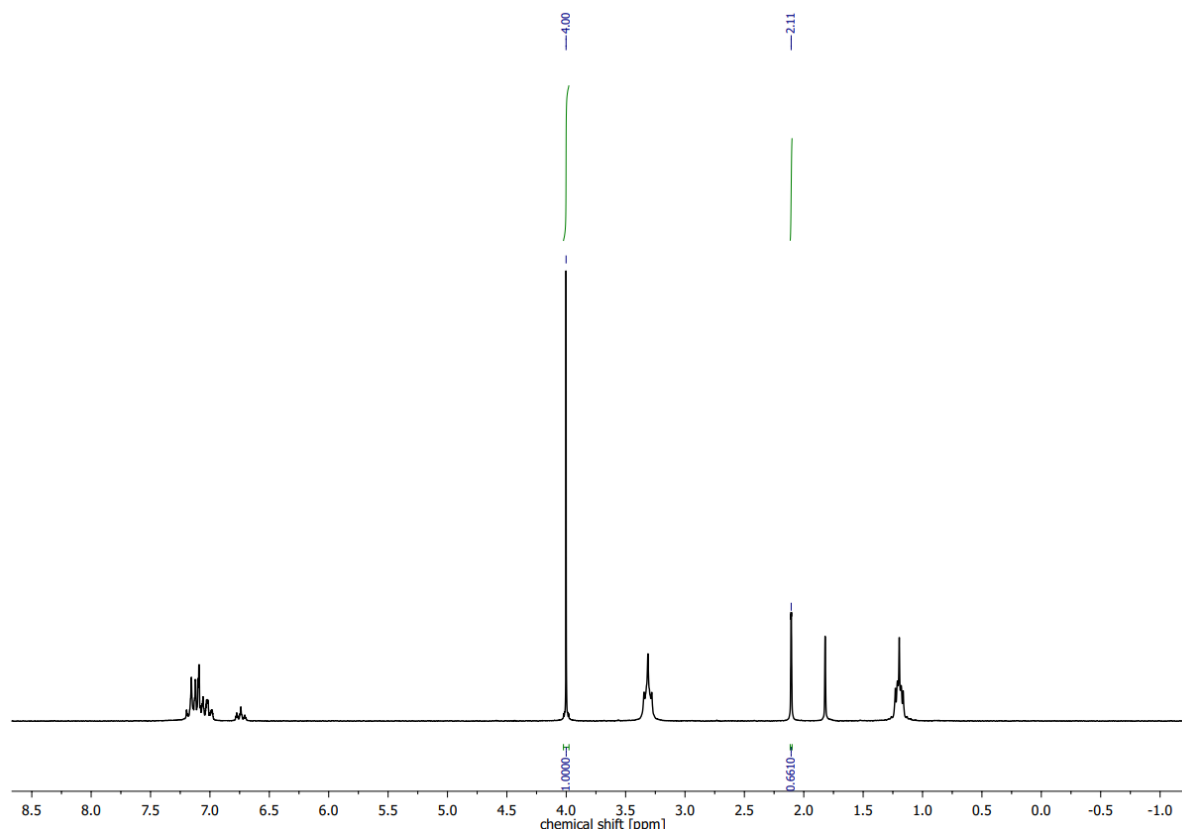


Figure S1. Recorded ¹H-NMR spectrum of the reaction mixture of the titration experiment. The amount of formed toluene is related to the formed peak at 2.11 ppm compared to the used reference ferrocene.