Supporting Information

Metal oxide catalyzed efficient conversion of cellulose to oxalic acid in alkaline solution

under low oxygen pressure

Zhiwei Jiang, Zhanrong Zhang, Jinliang Song, Qinglei Meng, Huacong Zhou, Zhenhong He,

Buxing Han*

Beijing National Laboratory for Molecular Sciences, CAS Key Laboratory of Colloid and

Interface and Chemical Thermodynamics, Institute of Chemistry, Chinese Academy of

Sciences, Beijing, 100190, China

* Corresponding Author. Tel.: +86-10-62562821. E-mail: <u>Hanbx@iccas.ac.cn</u>.

Number of Pages: 2 (including cover page)

Number of Figures: 1

S1

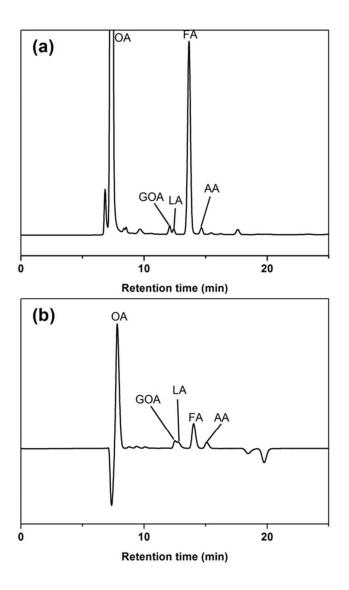


Figure S1. Typical HPLC-UV (a) and HPLC-RI (b) chromatograms of the liquid sample after the reaction. Reaction conditions: 0.02 g of MCC, 0.25 mmol CuO, 2.0 mol L⁻¹ NaOH, 2.0 ml of water, 190 °C, 2 h, 0.3 MPa O_2