

Supplementary Information

Insight into CO selective chemisorption from syngas mixtures through Li₂MnO₃; A new H₂ enrichment material

Carlos Hernández-Fontes^a, Daniel G. Araiza^a, Gabriela Díaz^b and Heriberto Pfeiffer^{a,*}

^a*Instituto de Investigaciones en Materiales, Universidad Nacional Autónoma de México. Circuito exterior s/n, Ciudad Universitaria, Del. Coyoacán, CP 04510, Ciudad de México, Mexico.*

^b*Instituto de Física, Departamento de Física Química, Universidad Nacional Autónoma de México, Ciudad de México, C.P. 04510, Mexico.*

*Corresponding author: E-mail; pfeiffer@materiales.unam.mx

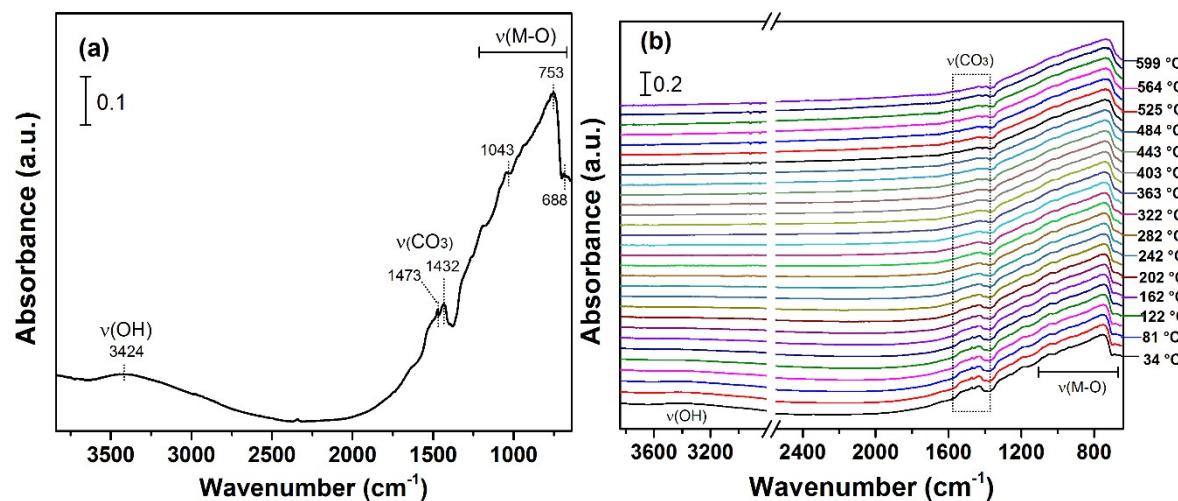


Figure S1 DRIFT spectra of the Li₂MnO₃ material in an inert He flow: at room temperature

(a) and as a function of the temperature (30-600 °C) (b).

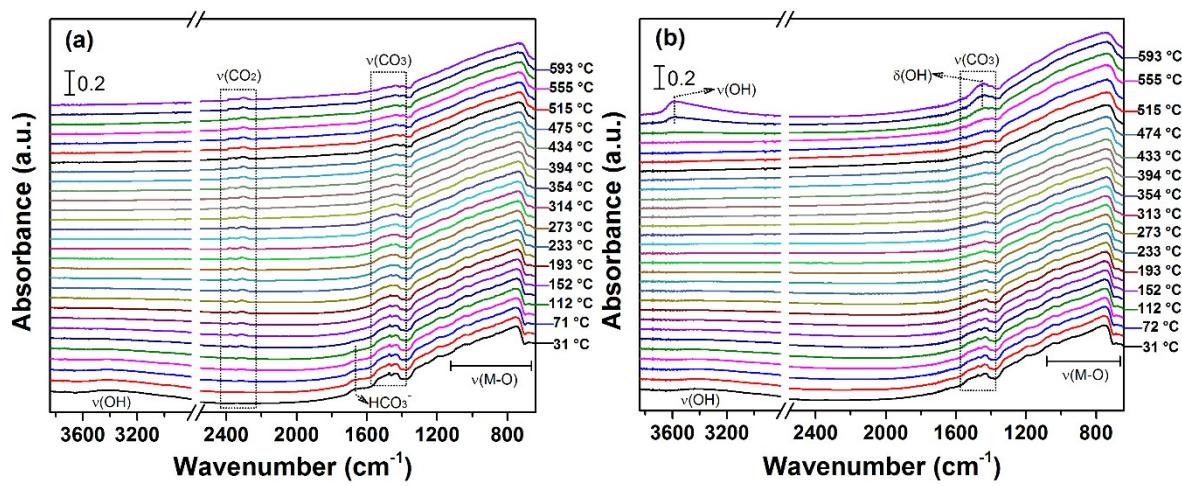


Figure S2 DRIFT spectra of the Li_2MnO_3 material as a function of the temperature (30–600 °C): under CO_2 (a) and H_2 (b) flows.