Supporting information file for

Effects of calcination temperature on structure-activity of Ni-La/Al2O3

catalyst for syngas methanation

Hongli Wu,^{a,b} Meng Zou,^a Lisheng Guo,^b Fengyun Ma,^{*a} Wenlong Mo,^a Yuming Yu,^a Inamullah Mian^a and Noritatsu Tsubaki^{*b}

 ^a Key Laboratory of Coal Cleaning Conversion and Chemical Engineering Process Xinjiang Uyghur Autonomous Region, College of Chemistry and Chemical Engineering, Xinjiang University, Urumqi, Xinjiang 830046.
^b Department of Applied Chemistry, School of Engineering, University of Toyama, Gofuku 3190, Toyama 930-8555, Japan. Fengyun Ma: ma_fy@126.com

Noritatsu Tsubaki: tsubaki@eng.u-toyama.ac.jp

Fig. S1 Effect of calcination temperature on Ni grain size for reduced sample

Fig. S2 Effects of calcination temperature on dispersion, S_{BET} and diameter of Ni.

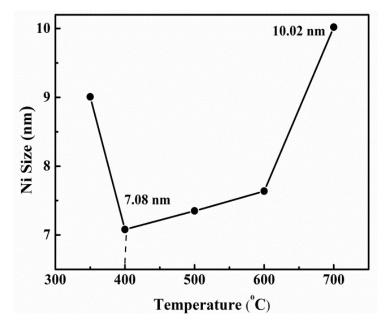


Fig. S1 Effect of calcination temperature on Ni grain size for reduced samples

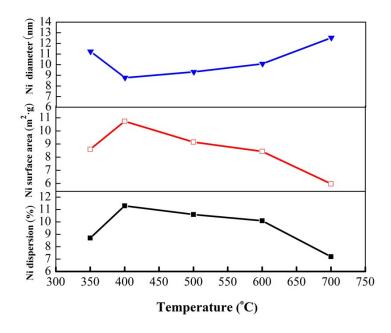


Fig. S2 Effects of calcination temperature on dispersion, $S_{\mbox{\tiny BET}}$ and diameter of Ni.