Supporting Information

Template preparation of high-surface-area barium hexaaluminate as Nickel catalyst support for improved CO methanation

Jiajian Gao, ^{1,2} Chunmiao Jia, ¹ Meiju Zhang, ¹ Fangna Gu, ^{1,*}
Guangwen Xu, ¹ Ziyi Zhong, ³ Fabing Su^{1,*}

¹ State Key Laboratory of Multiphase Complex Systems, Institute of Process Engineering, Chinese Academy of Sciences, Beijing, China 100190

³ Institute of Chemical Engineering and Sciences, A*star, 1 Pesek Road, Jurong Island, Singapore 627833

*Corresponding author: fngu@mail.ipe.ac.cn (F.Gu), fbsu@mail.ipe.ac.cn (F.Su)

Tel: 86-10-82544850; Fax: 86-10-82544851

² University of Chinese Academy of Sciences, Beijing, China 100049

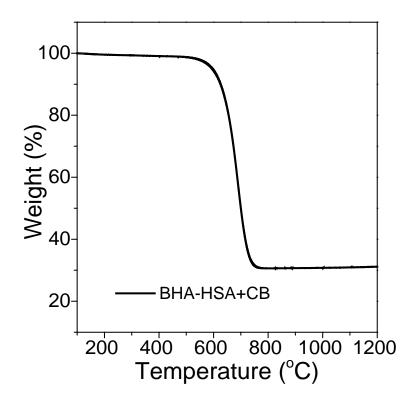


Fig. S1. TG curve of BHA-HSA+CB in air.

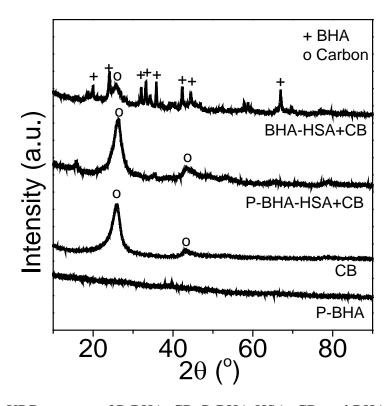


Fig. S2. XRD patterns of P-BHA, CB, P-BHA-HSA+CB, and BHA-HSA+CB.