

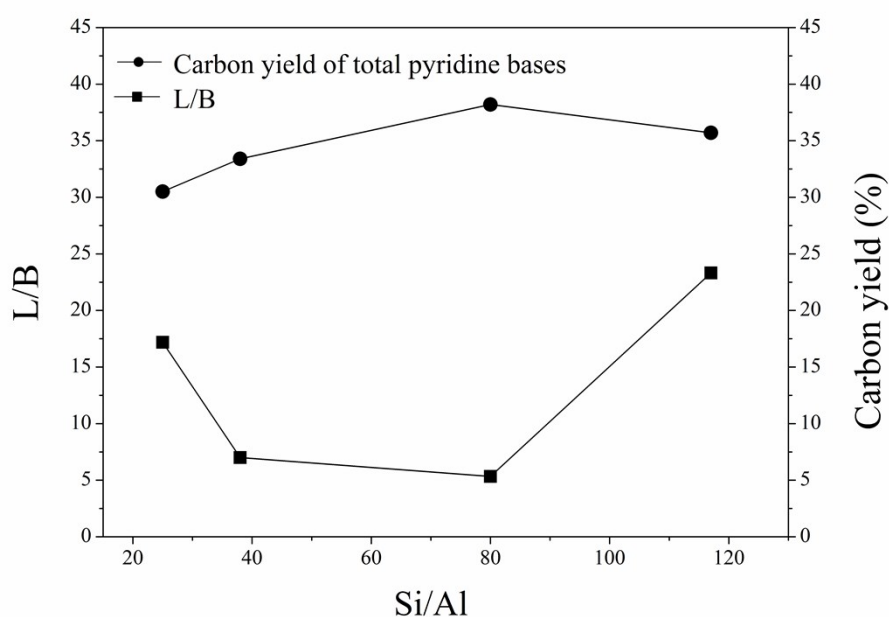


Fig. S5 (1) Effects of the Si/Al ratio on the L/B ratio and the performance of the 2.3%Cu/HZSM-5 catalysts.

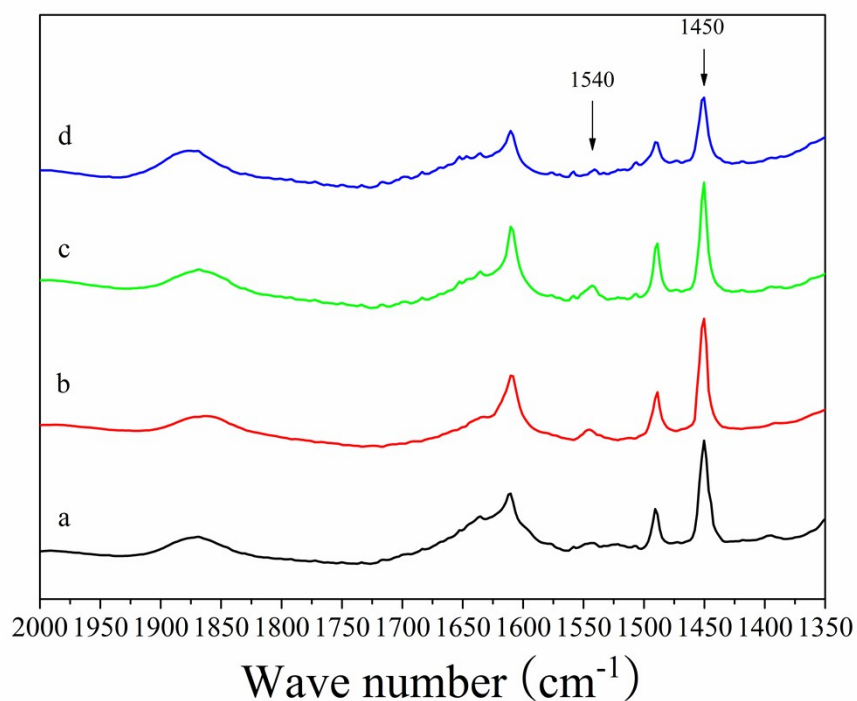


Fig. S5 (2) IR spectra of pyridine adsorbed on the catalysts. (a) 2.3%Cu/HZSM-5(25); (b) 2.3%Cu/HZSM-5(38); (c) 2.3%Cu/HZSM-5(80); (d) 2.3%Cu/HZSM-5(117).