

Electronic supplementary information

Acetylation improving the thermal stability and transmittance of FOLED substrate based nanocellulose film

Shuang Yang^{a,b}, Qiuxia Xie^{a,b}, Xiuyu Liu^{a,b}, Min Wu^{a,b}, Shuangfei Wang^{a,b}, and Xueping Song^{a,b} *

a. College of Light Industry and Food Engineering, Guangxi University, Nanning, 530004, PR China

b. Guangxi Key Laboratory of Clean Pulp & Papermaking and Pollution Control, Nanning 530004, PR China

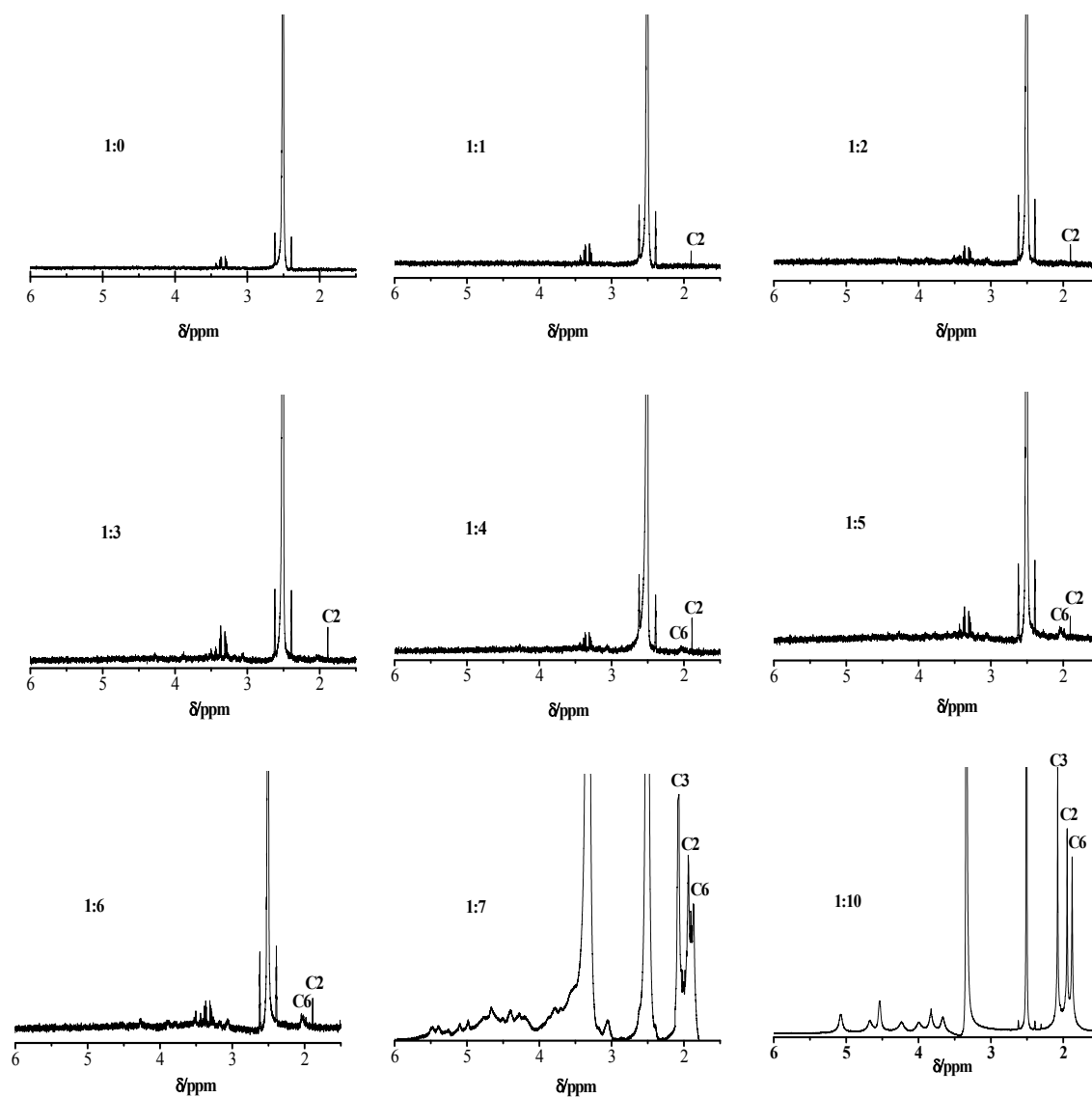


Fig. S1 Effects of different NFC: AA ratios on the ¹H-NMR spectra of NFC

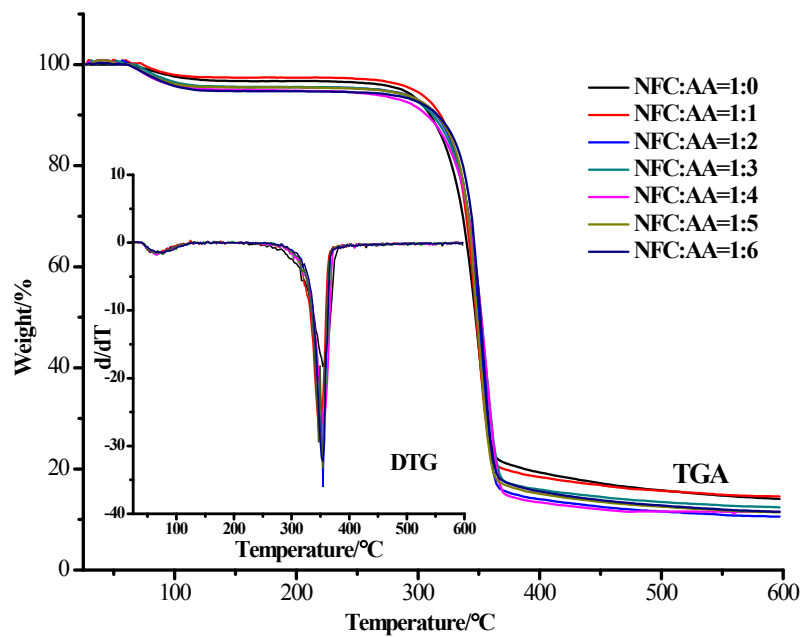


Fig. S2 Effects of different NFC: AA ratios on the TGA and DTG of NFC films



Fig. S3 Bending degree of acetylated NFC film (NFC: AA ratio was 1:3)