Electronic Supplementary Information

Value-additive utilization of agro-biomass: Preparation of cellulose triacetate directly from rice straw as well as other cellulosic materials

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$^1$H- and $^{13}$C-NMR spectra of CTA obtained from Ac$_2$O-MeSA method
X-ray diffractograms of CTA obtained by the direct acetylation of rice straw: (A) The crude product straight after the aqueous workup of the reaction mixture; (B) After removing the CHCl₃-insolubles.
Scanning electron microscopic (SEM) images of the variously obtained CTA preparations reported in this study: (a) CTA prepared by Method A from rice straw directly; (b) CTA prepared from MCC by Method A; (c) CTA prepared from MCC by Method B; (d) CTA prepared from MCC by Method C