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Lignin-based polyurethane film reinforced with cellulose nanocrystals

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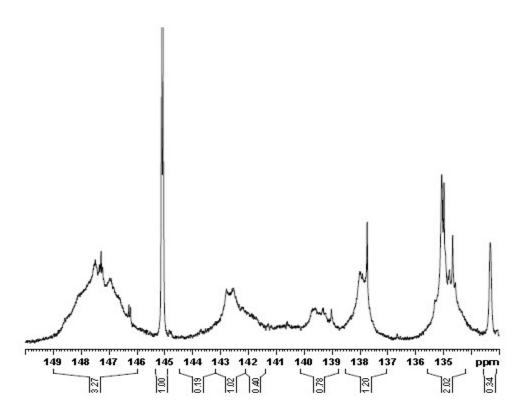


Figure S1. ³¹P NMR spectra of the lignin

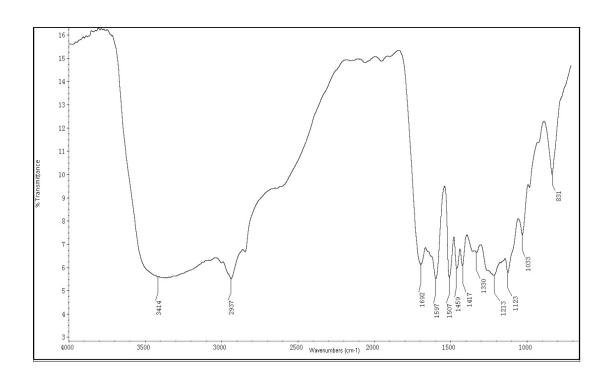


Figure S2. FT-IR spectra of the lignin

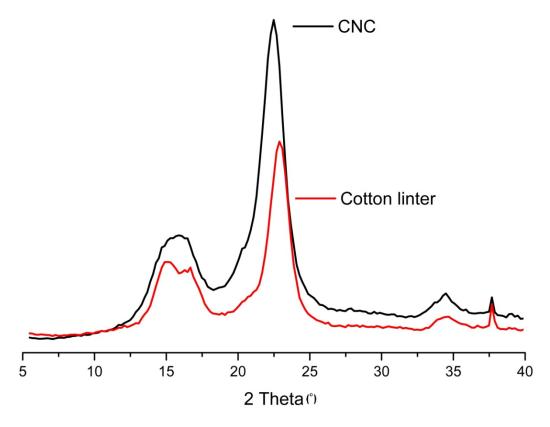


Figure S3. XRD pattern of cotton linter and CNC