Formation of Lignin Nanoparticles by Combining Organosolv Pretreatment of Birch Biomass and Homogenization Processes

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Supplementary Material

Figure S1. Volume (V) and intensity (I) distributions of particle sizes of nanoparticles.
- HOS-SE, 60% v/v EtOH, w/o homogenization
- HOS-SE, 60% v/v EtOH, homogenization with 50% v/v EtOH
- HOS-SE, 60% v/v EtOH, homogenization with 75% v/v EtOH

- HOS-SE, 70% v/v EtOH, w/o homogenization
- HOS-SE, 70% v/v EtOH, homogenization with 75% v/v EtOH

- OS, 50% v/v EtOH, homogenization with 50% v/v EtOH
- OS, 50% v/v EtOH, homogenization with 75% v/v EtOH
Figure S2. FT-IR graphs of lignin nanoparticles.