Article

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

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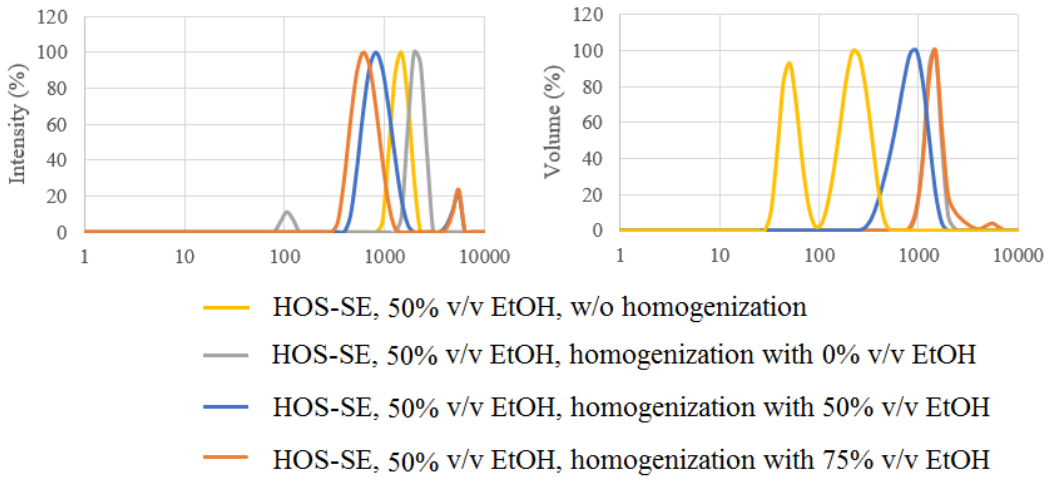
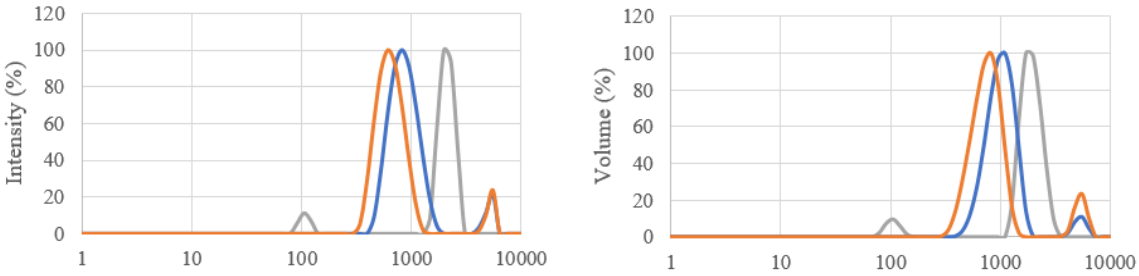
Supplementary Material

Figure S1. Volume (*V*) and intensity (I) distributions of particle sizes of nanoparticles.

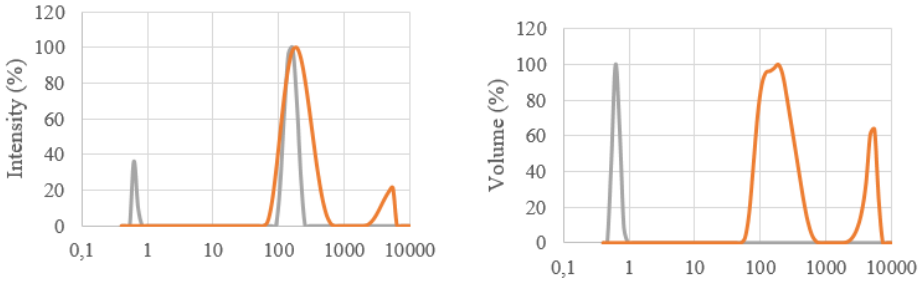




HOS-SE, 60% v/v EtOH, w/o homogenization

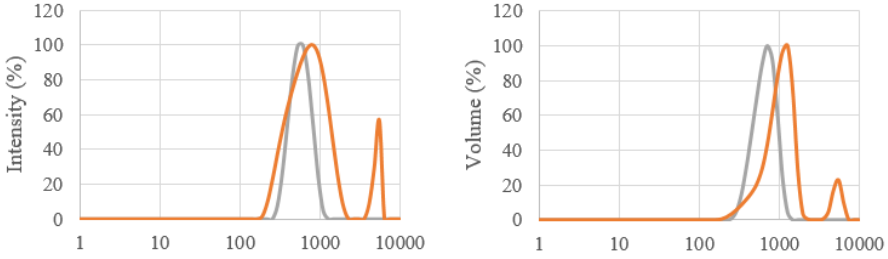
HOS-SE, 60% v/v EtOH, homogenization with 50% v/v EtOH

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

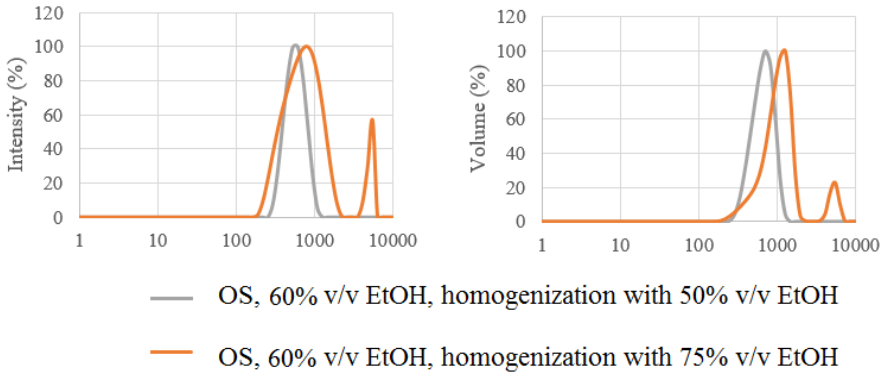


Figure S2. FT-IR graphs of lignin nanoparticles.