Electronic Supplemental Information

Linking Lignin Source with Structural and Electrochemical Properties of Lignin-Derived Carbons Materials

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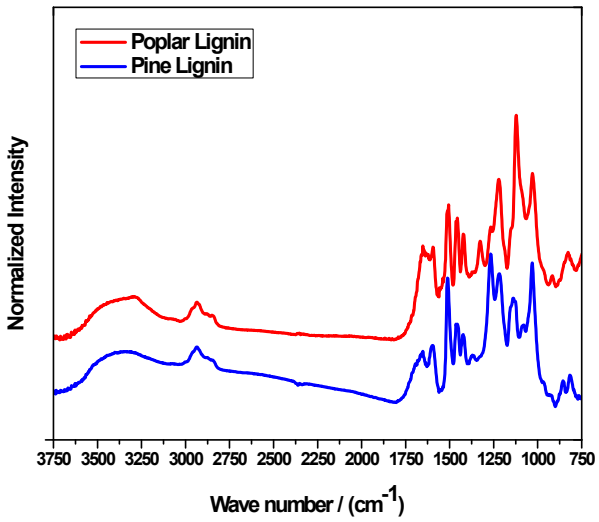

Figure S1. FTIR spectra of pine and poplar derived lignin.

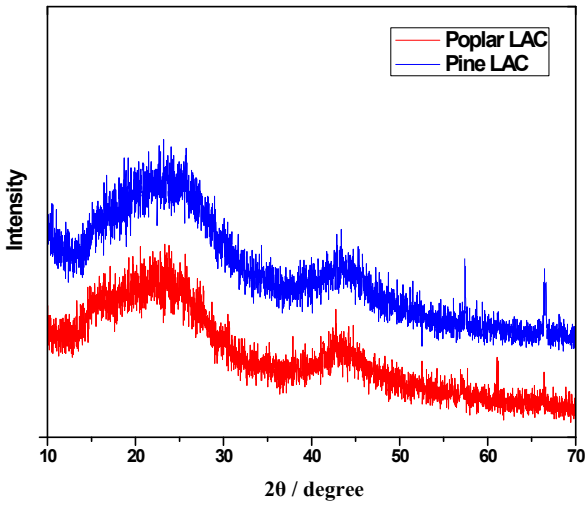

Figure S2. XRD spectra of pine and poplar lignin derived activated carbons.

Table S1. Mass balance for lignin carbonization & activation

Lignin Feedstock	Biochar yield (g/100g lignin)	AC yield (g/100g lignin)
Pine	41.3 ± 3.9	22.2 ± 1.4
Poplar	29.4 ± 0.3	23.2 ± 0.95