

Supplementary Materials

Table S1. Chemical Groups Derived from Various Biomass Sources

Chemical groups	Range (area %)	References
Nitrogenates	11 – 22	[137, 138]
Alkanes	8 – 13	[137, 138]
Phenolics	7 – 66	[139, 140]
Esters	2 – 42	[139, 140]
Ketones	2 – 35	[137, 138]
Aromatics and heterocyclics	6 – 35	[139, 140]
Aldehydes	1 – 20	[139]
Carboxylic acids	2 – 25	[137]