

## Supporting information

### **Green and facile method for valorization of lignin to high-performance degradable thermosets**

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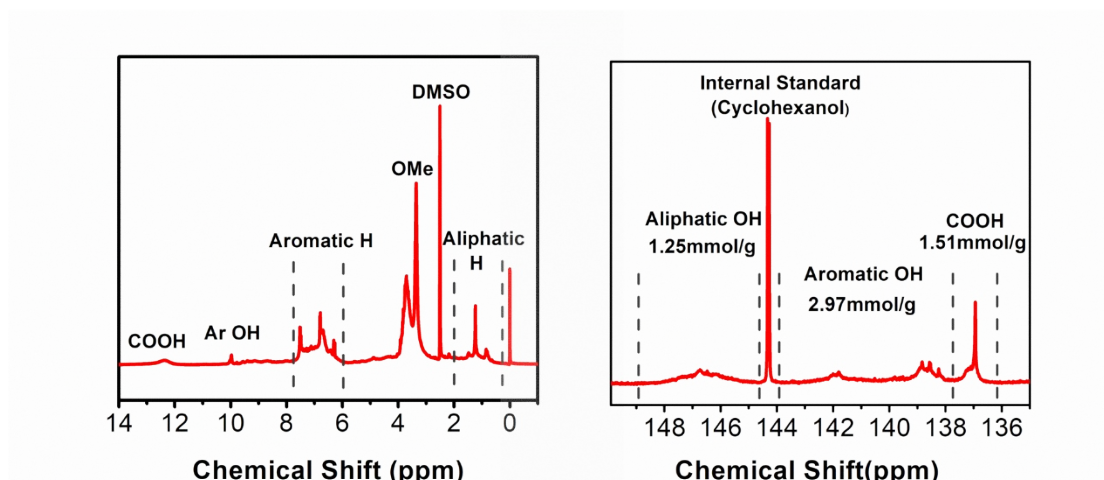
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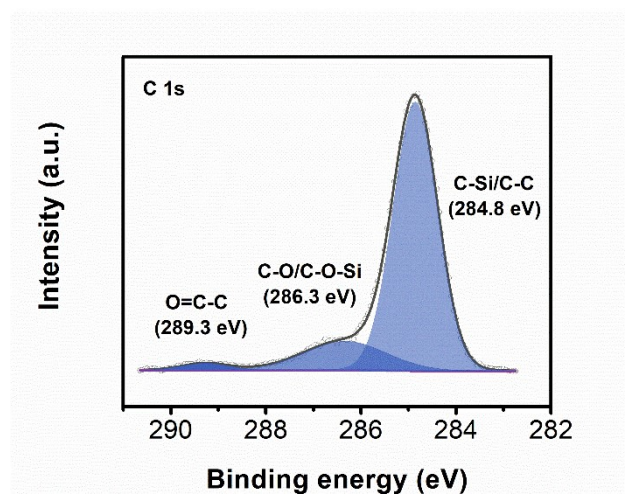
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**Fig. S1** Characterization of chemical structure of lignin. (a)  $^1\text{H}$  NMR spectrum of lignin; (b)  $^{31}\text{P}$  NMR spectrum of lignin.



**Fig. S2** Deconvolution XPS spectra of C1s from KL-70.