

Water soluble kraft lignin-acrylic acid copolymer: synthesis and characterization

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Table S1 Molecular weight of H-PAA and S-PAA

Sample	M_n , g/mol	M_w , g/mol	M_w/M_n
H-PAA	5,050	6,900	1.366
S-PAA	4,380	5,700	1.301

H-PAA: prepared via following the procedure stated section 2.8. S-PAA: produced via following the procedure stated in section 2.9

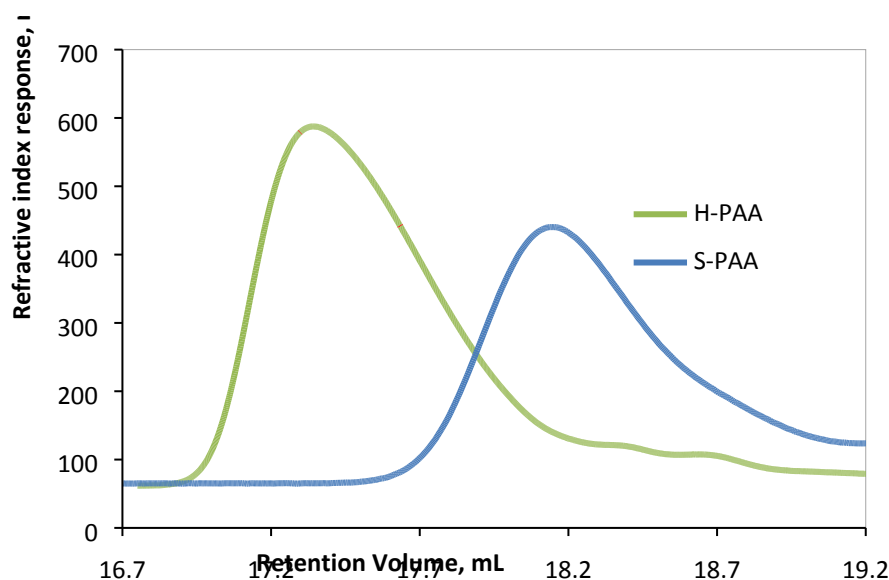


Figure S1. Chromatograms of H-PAA and S-PAA

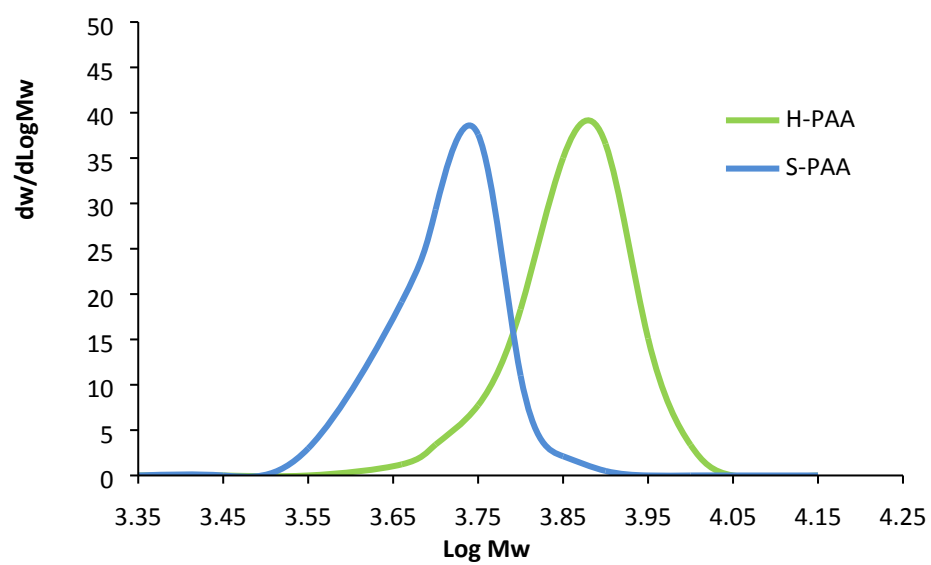


Figure S2. The molecular weight distribution of H-PAA and S-PAA

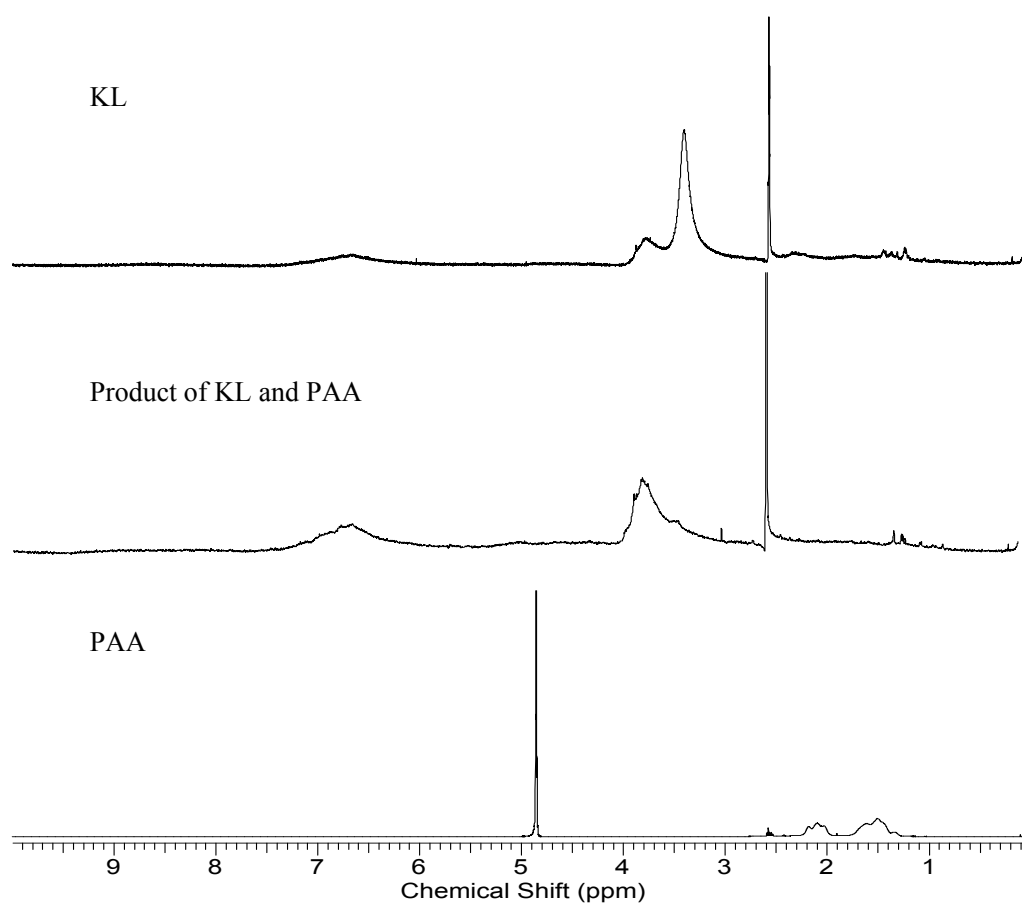


Figure S3. Spectra of KL, product of KL and H-PAA reaction as well as H-PAA