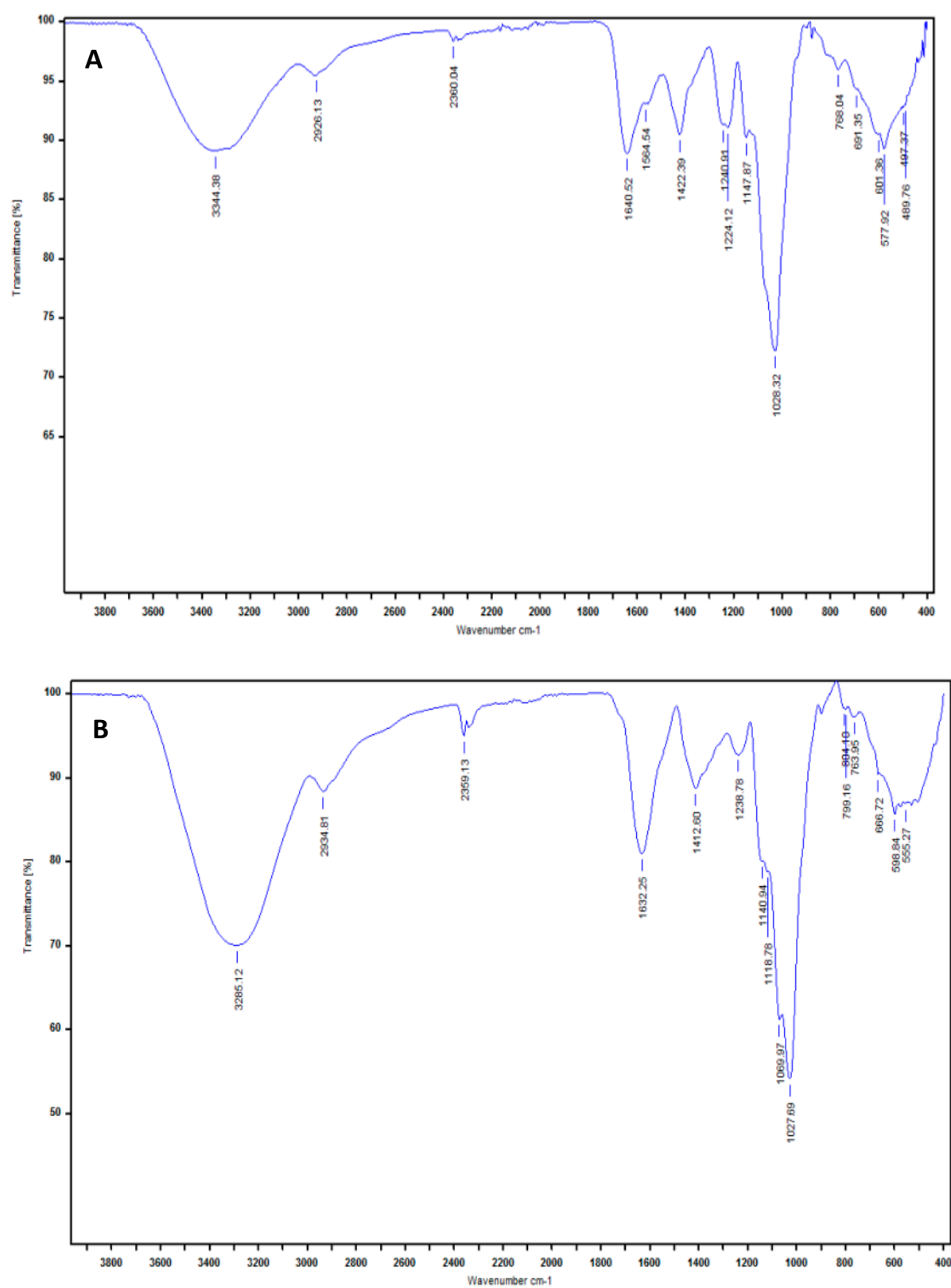


## Supplementary Data

Figure



**Figure S1.** FT-IR spectra of **(A)** JASX (sulfated fraction) and **(B)** JADX (desulfated fraction).

## Table

**Table S1.** Power-law model fitting viscoelastic parameters for JASX (1.0-2.0%,  $w/v$ ) solutions in water.

JASX (%, $w/v$ )	Power-law model fitting parameters					
	$n'$	$n''$	$k'$	$k''$	$R'^2$	$R''^2$
1.0	$0.538 \pm 0.010$	$0.822 \pm 0.023$	$0.729 \pm 0.017$	$0.099 \pm 0.001$	0.99	0.97
2.0	$0.474 \pm 0.014$	$0.623 \pm 0.009$	$2.703 \pm 0.031$	$0.393 \pm 0.021$	0.95	0.99