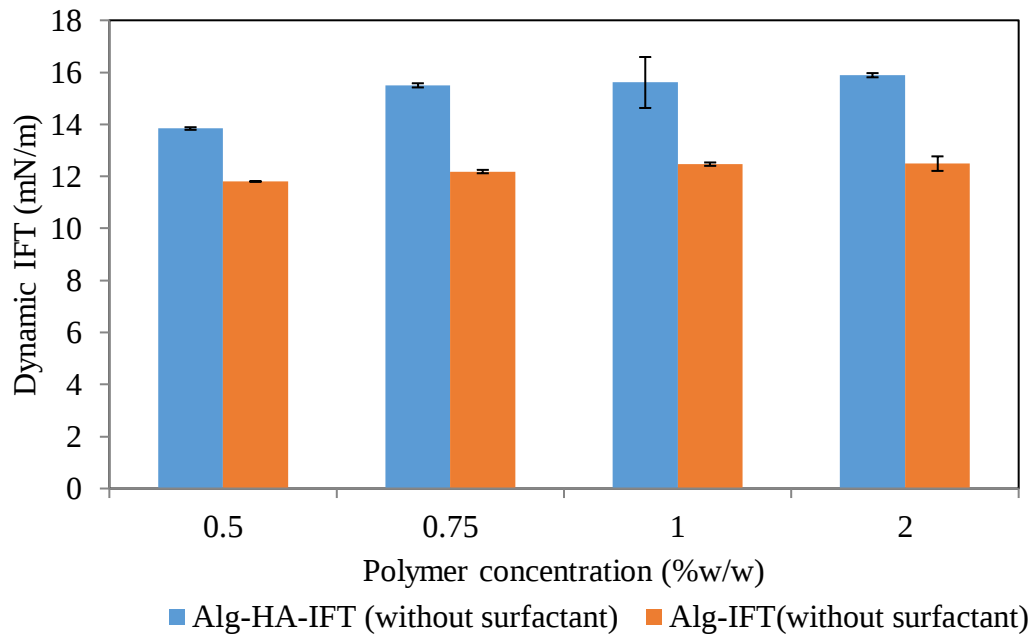
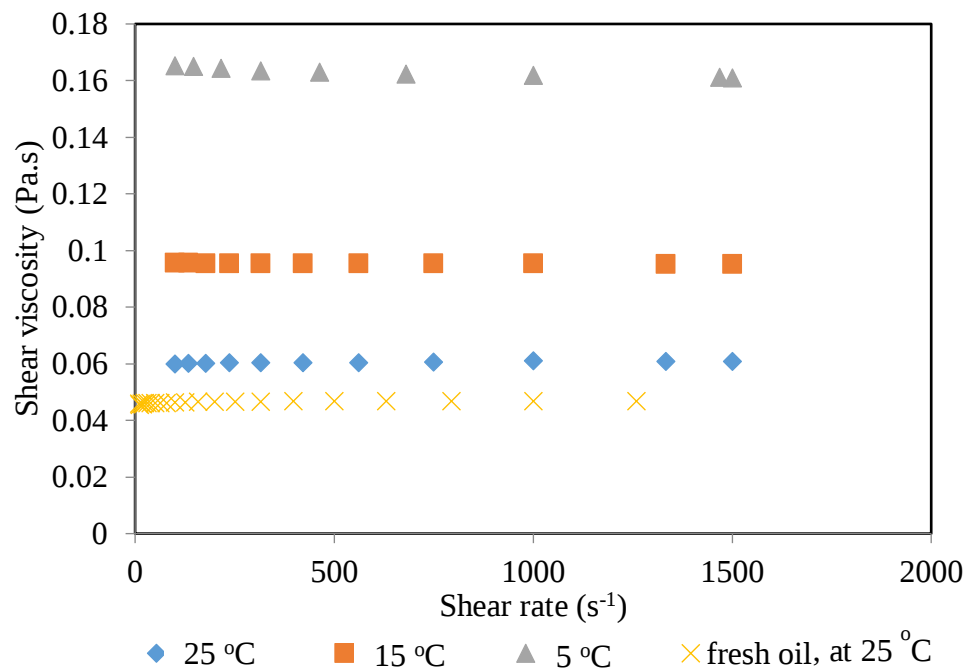


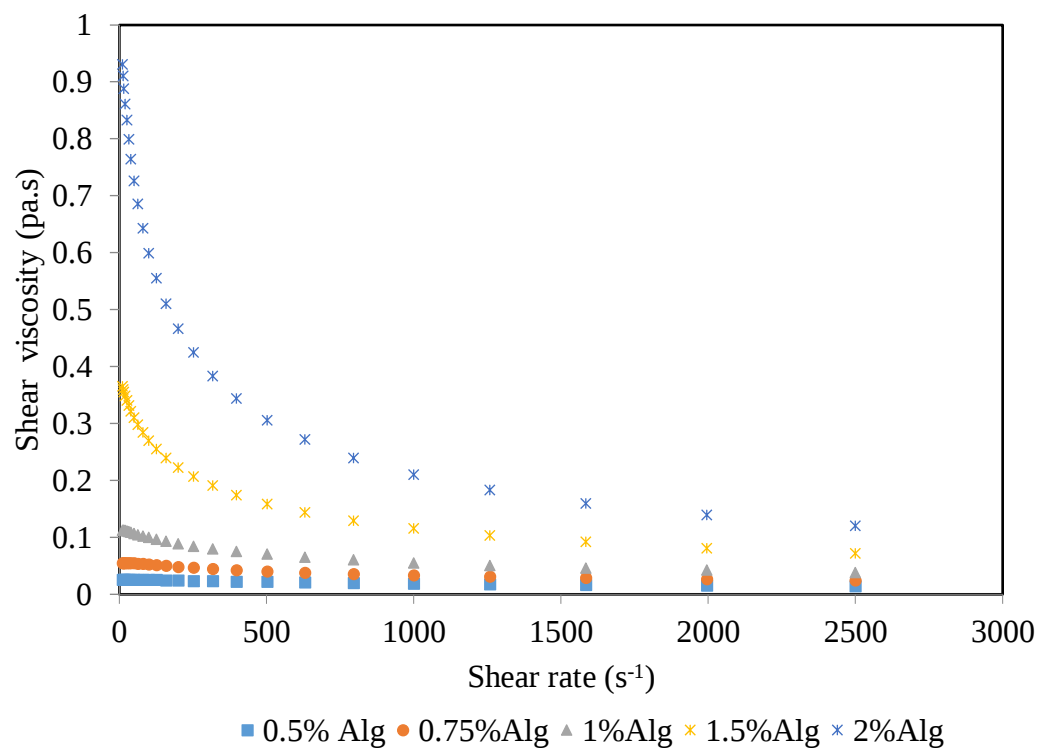
Supplementary figures



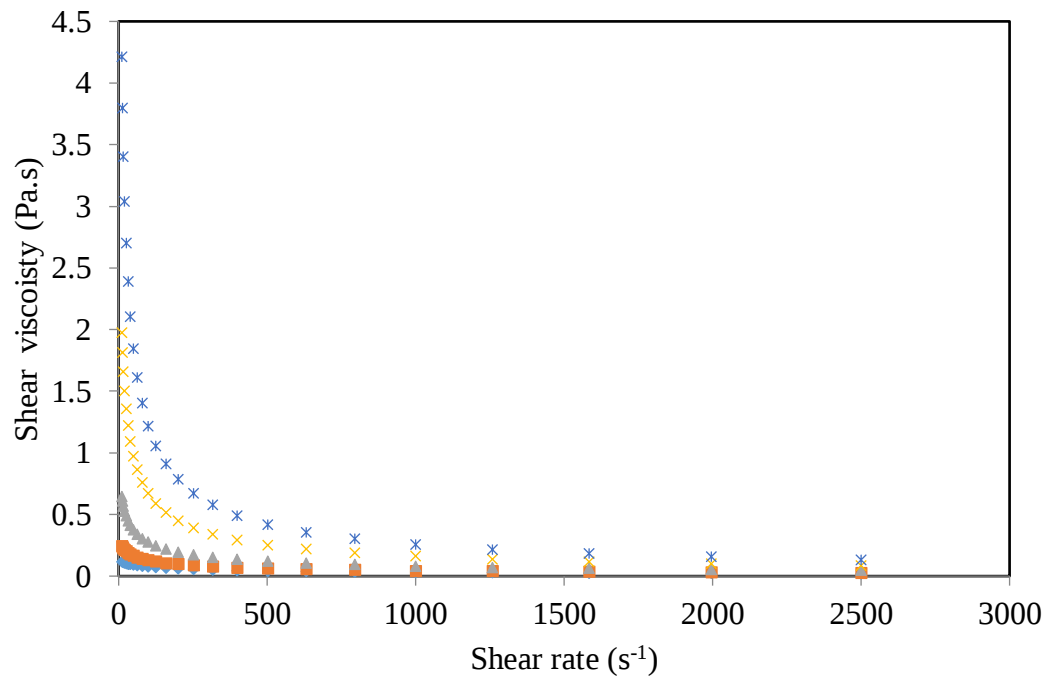
S 1: Interfacial tensions between Alg and Alg-HA polymer solutions and rapeseed oil in the absence of the surfactant (Span[®] 80); means $\pm$ SD, n = 3.



S2: Effect of shear rate and temperature on the viscosity of rapeseed oil.

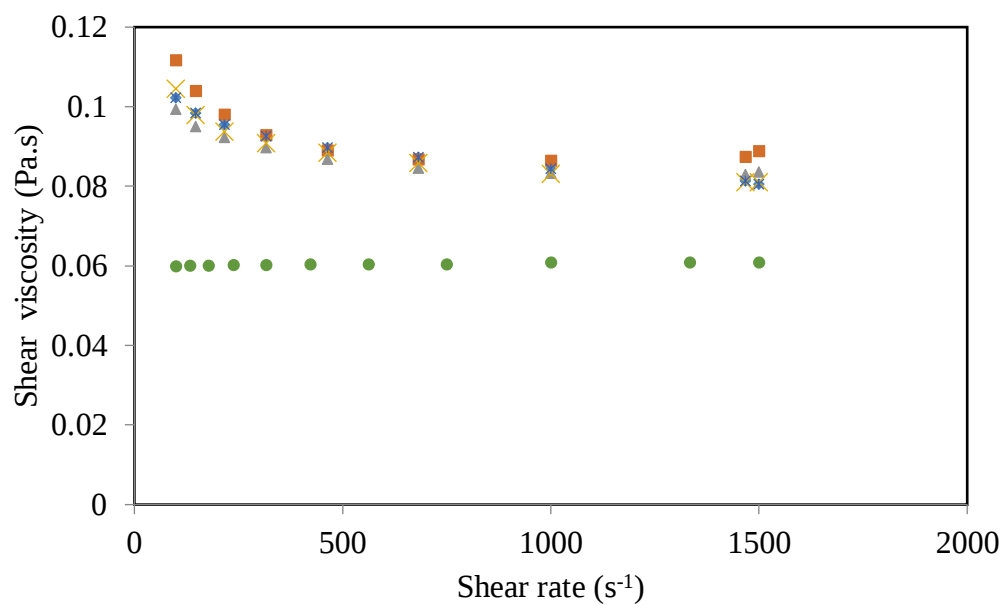


S3: Effect of shear rate on the viscosity of different Alg solutions at room temperature.



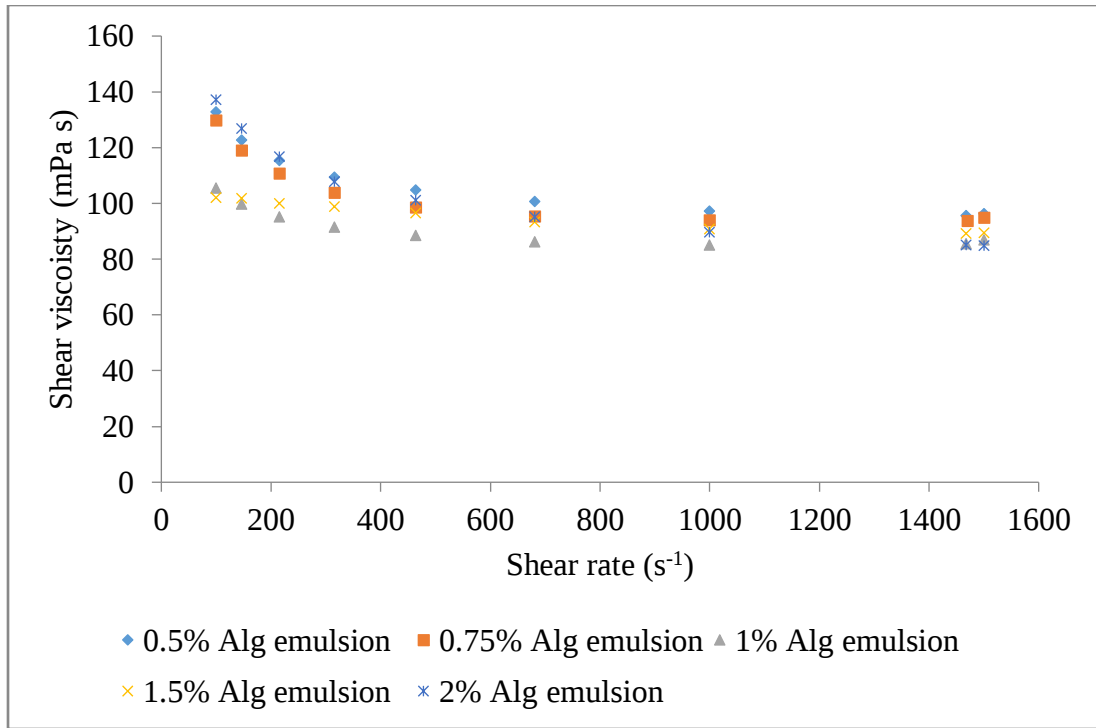
◆ 0.5%AlgHA ■ 0.75%AlgHA ▲ 1%AlgHA × 1.5%AlgHA * 2%AlgHA

S4: Effect of shear rate on the viscosity of different Alg-HA solutions at room temperature.

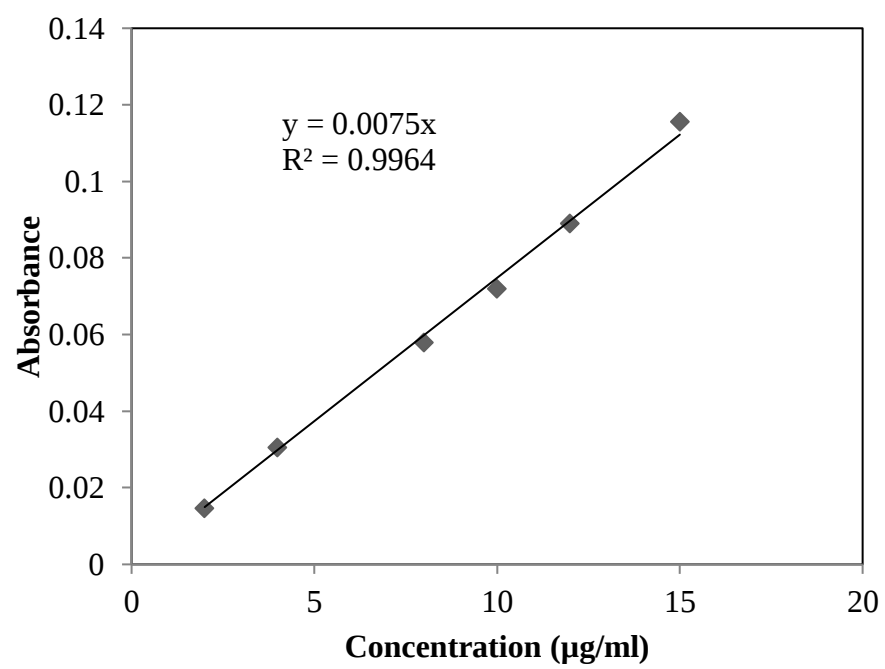


◆ 0.5%AlgHA emulsion ■ 0.75%AlgHA emulsion ▲ 1%AlgHA emulsion
 ✕ 1.5%AlgHA Emulsion ✕ 2%AlgHA emulsion ● Oil

S5: Effect of shear rate on the viscosity of different Alg-HA emulsions at room temperature.



S6: Effect of shear rate on the viscosity of different Alg emulsions at room temperature.



S7: Calibration curve of naproxen in phosphate buffer solution at $\lambda = 318$ nm