

Supplementary material

# Steady and Oscillatory Shear Flow Behavior of Different Polysaccharides with Laponite<sup>®</sup>

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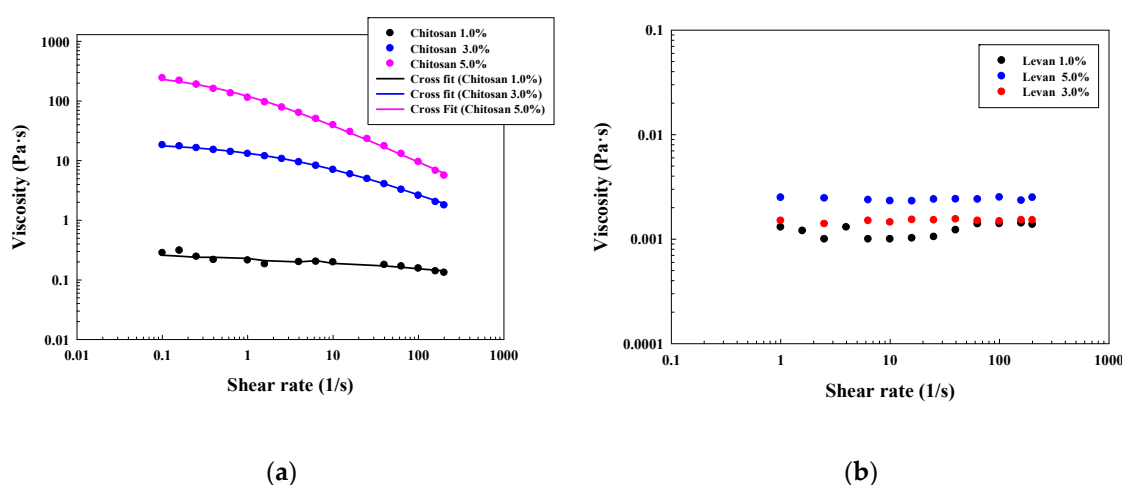


Figure S1. Viscosity-shear rate plot for a) chitosan solution and b) levan solutions.

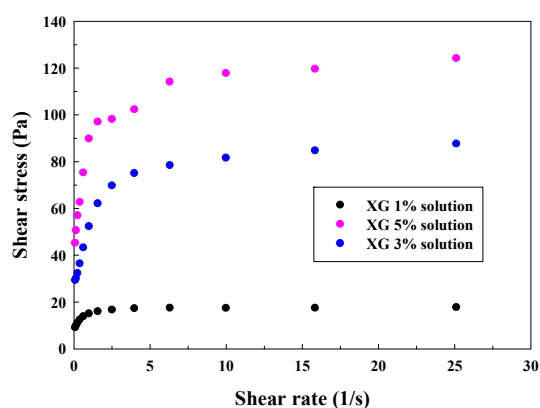


Figure S2. Shear stress-shear rate plot for xanthan gum solutions (low shear rate results).

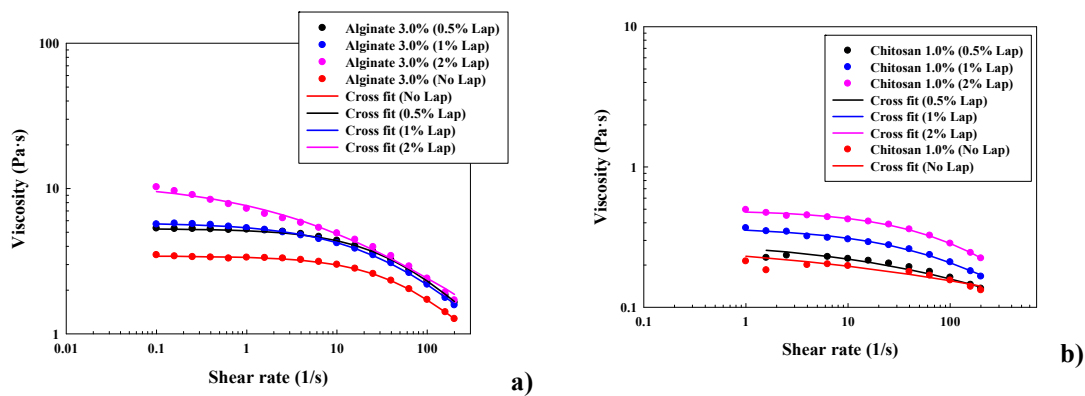


Figure S3. Viscosity-shear rate plot for a) alginate at 3.0% *w/w* and b) chitosan at 1.0% *w/w*.

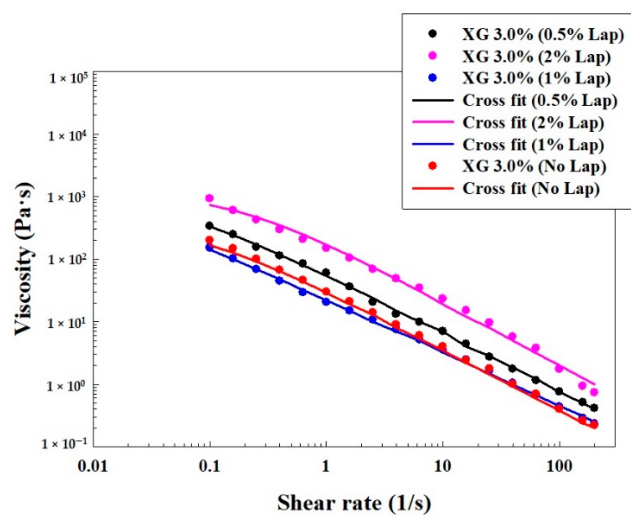


Figure S4. Viscosity-shear rate plot for xanthan gum (3.0% *w/w*).

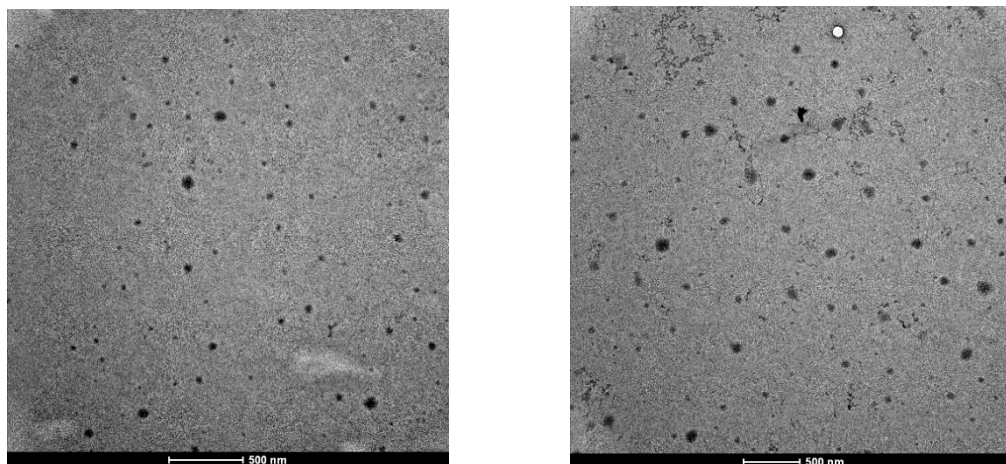


Figure S5. TEM images of levnan nanoparticles.

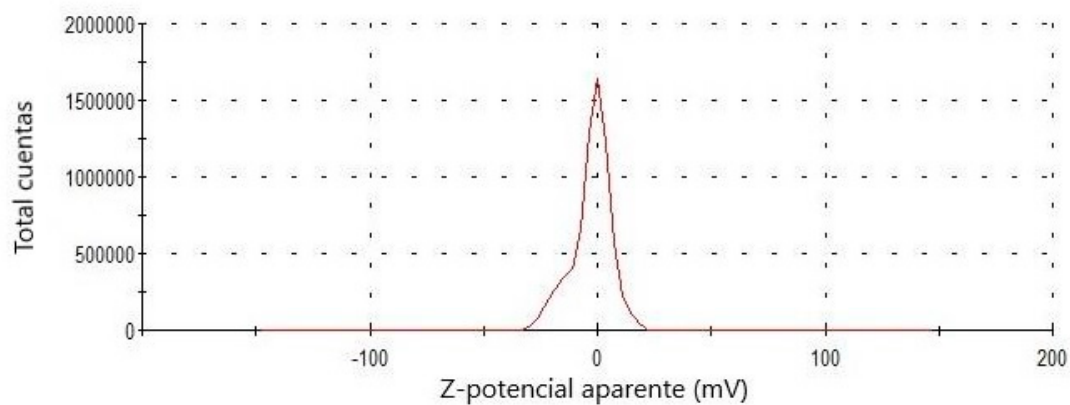
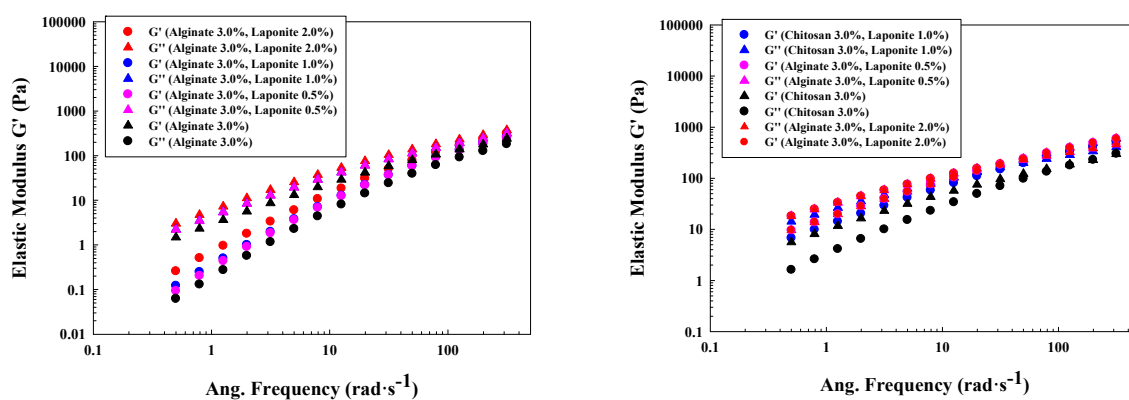


Figure S6. Z potential of levan nanoparticles.



a)

Figure S7. Oscillatory results for a) alginate 3.0% and b) chitosan 3.0%.