

Supplementary Materials

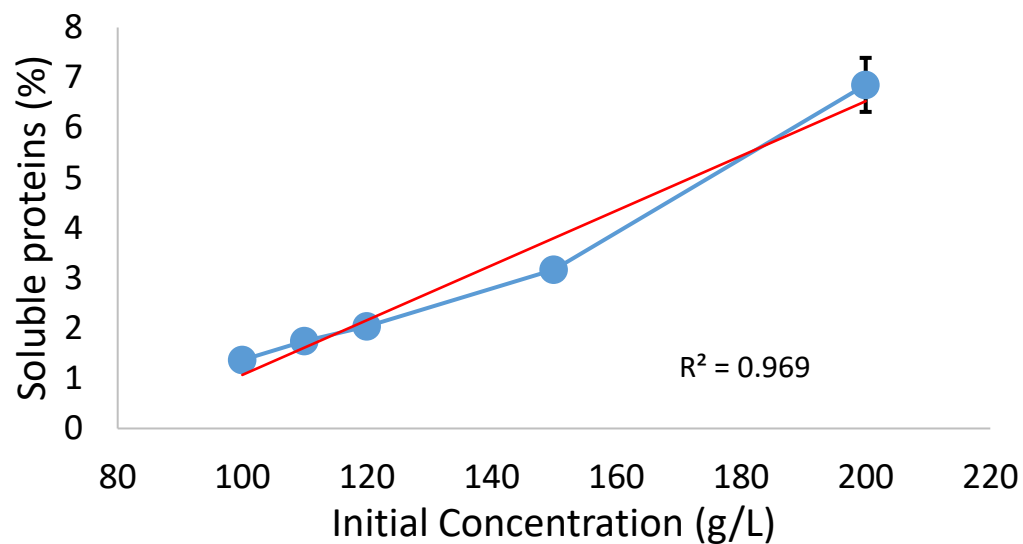


Figure S1. Calibration line of PPI supernatant soluble protein content (%). 5 different starting concentrations were analysed by Dumas method after the removal of the insoluble part.

Table S1. Soluble protein content of different starting solution concentrations.

C (g/L)	Soluble Protein (%)
100	1.4 ± 0.03
110	1.8 ± 0.02
120	2.1 ± 0.01
150	3.2 ± 0.03
200	6.9 ± 0.54

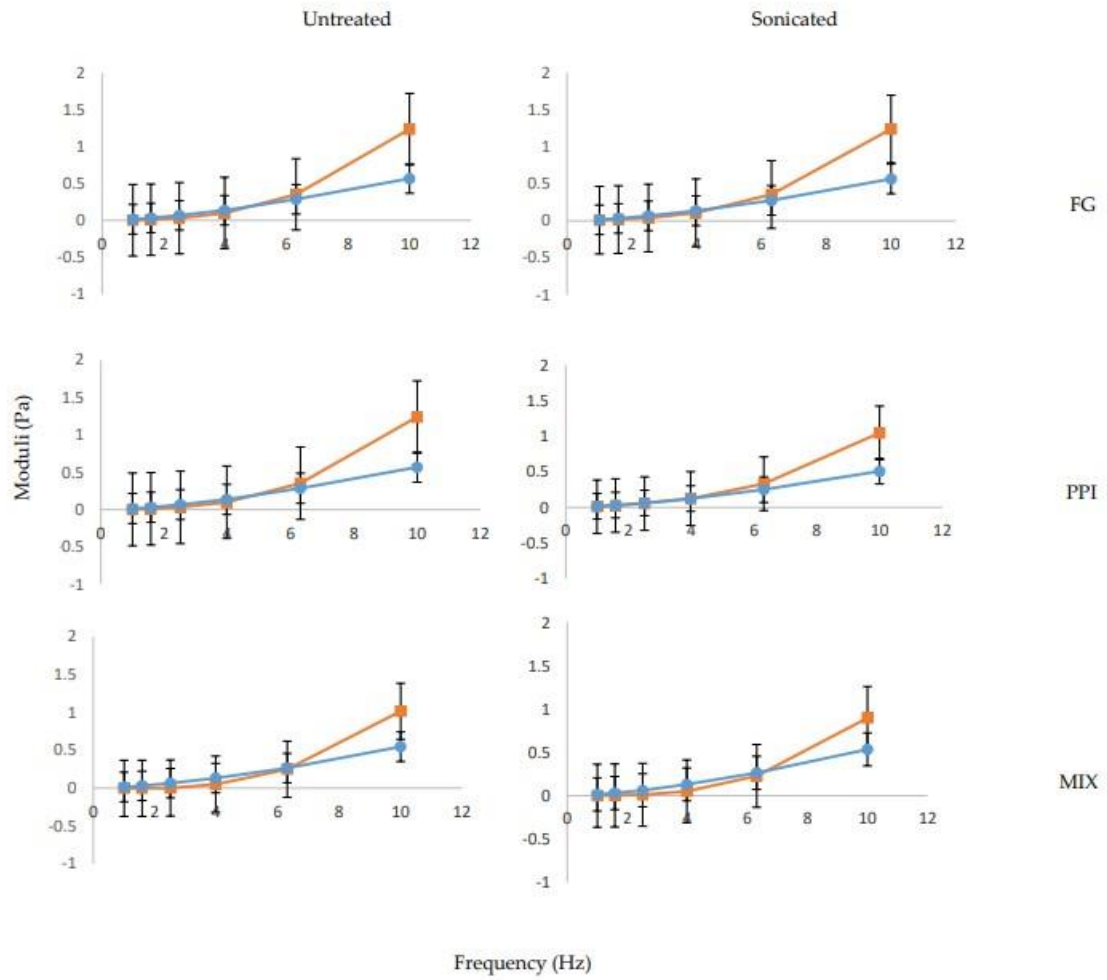


Figure S2 Viscoelastic properties for all the protein solutions at a frequency range between 1-10 Hz. For all the graphs, elastic modulus (G') is represented in orange squares while viscous modulus (G'') is represented in blue dots.

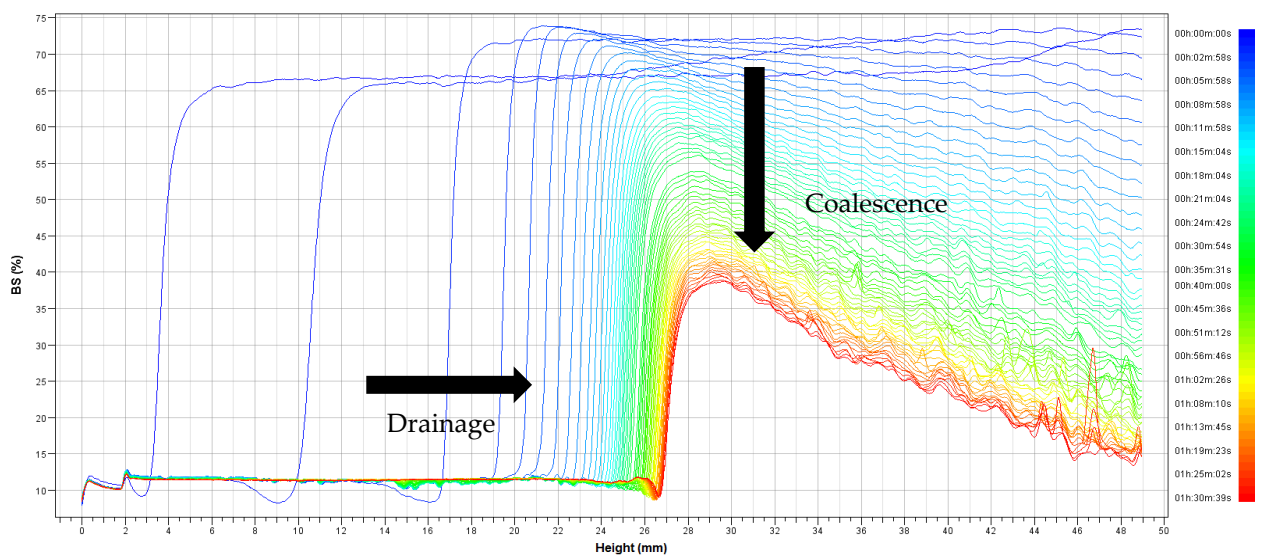


Figure S3. BS values (%) of sonicated PPI over the height of the tube and over time as reported by the instrument Turbiscan Tower. On the right side, scan time is reported with a gradient of colors.