

Supplementary Information

Influence of Manufacturing Process on the Microstructure, Stability, and Sensorial Properties of a Topical Ointment Formulation

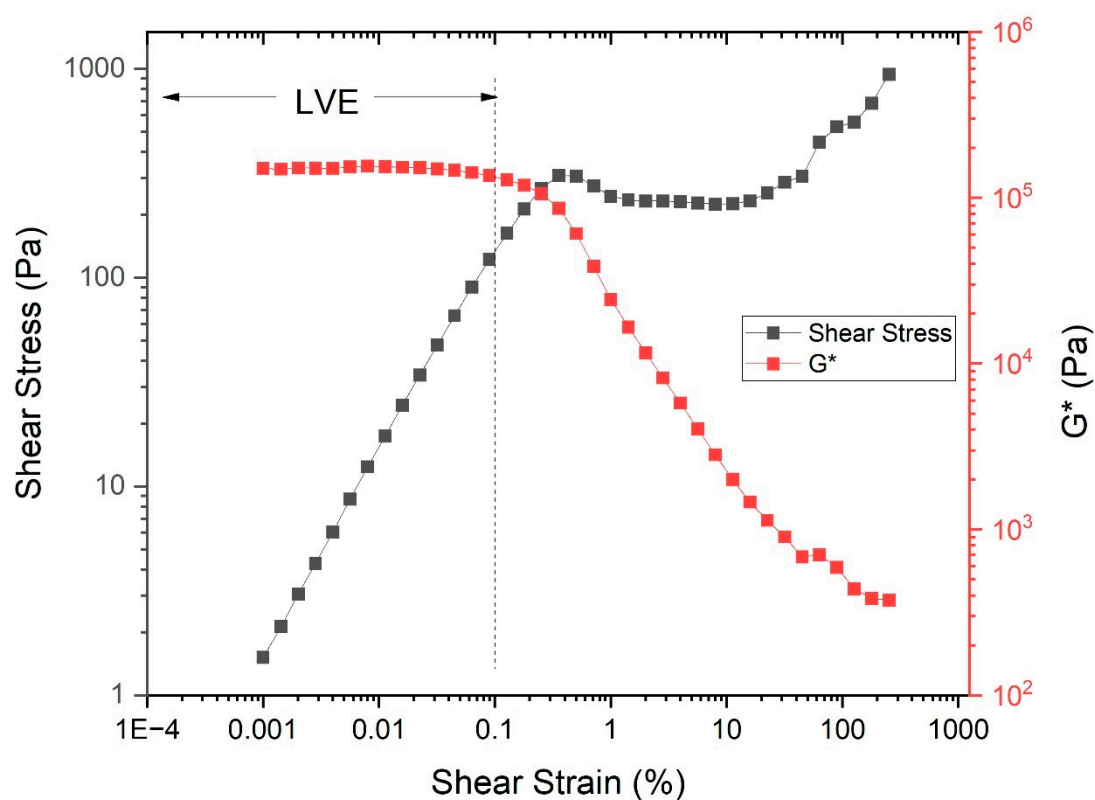


Figure S1. Complex shear modulus (G^*) and shear stress as a function of shear strain for a typical ointment sample.

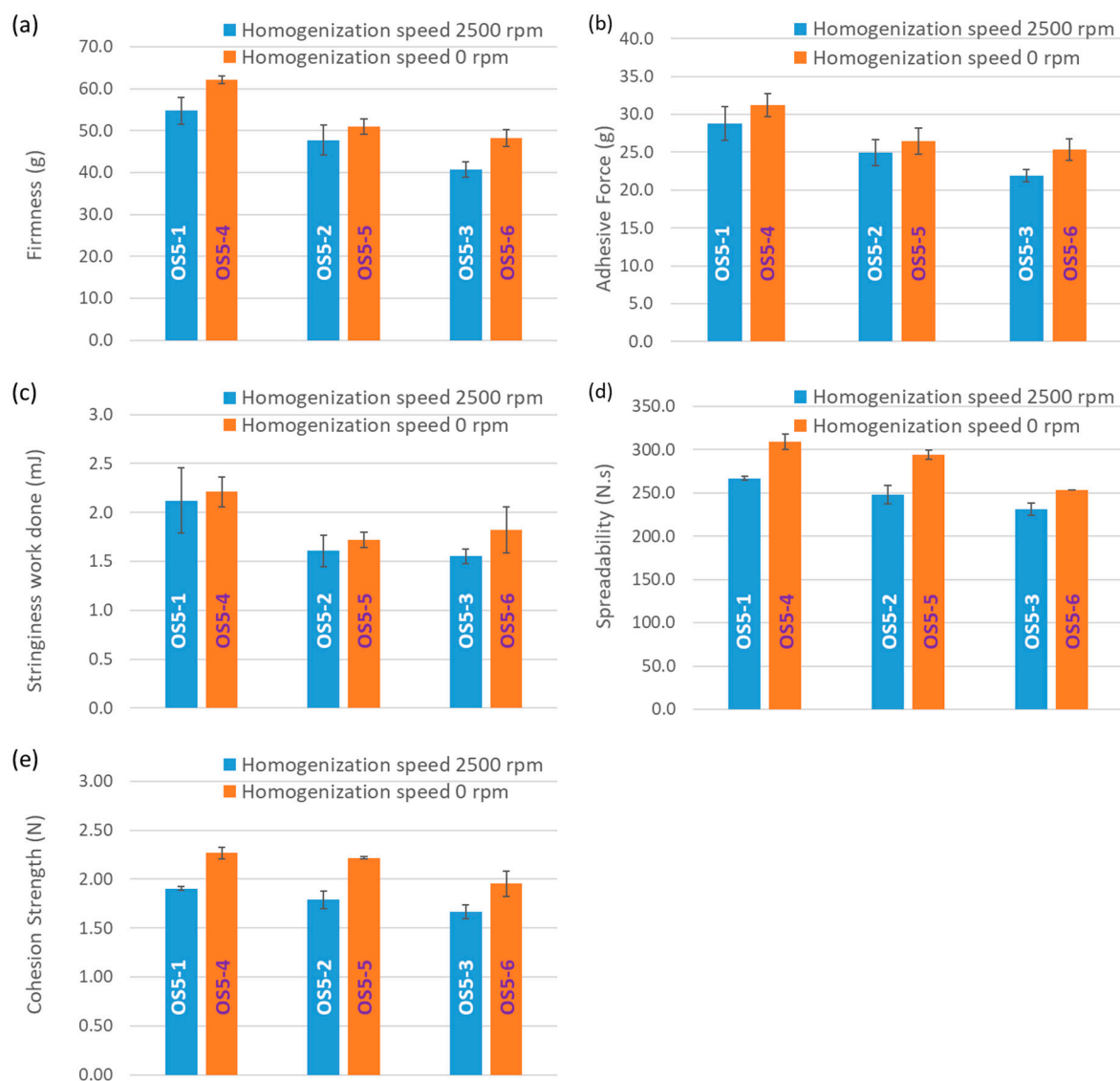


Figure S2. (a-e) Effects of step 5 homogenization speed on the textural properties of ointments.

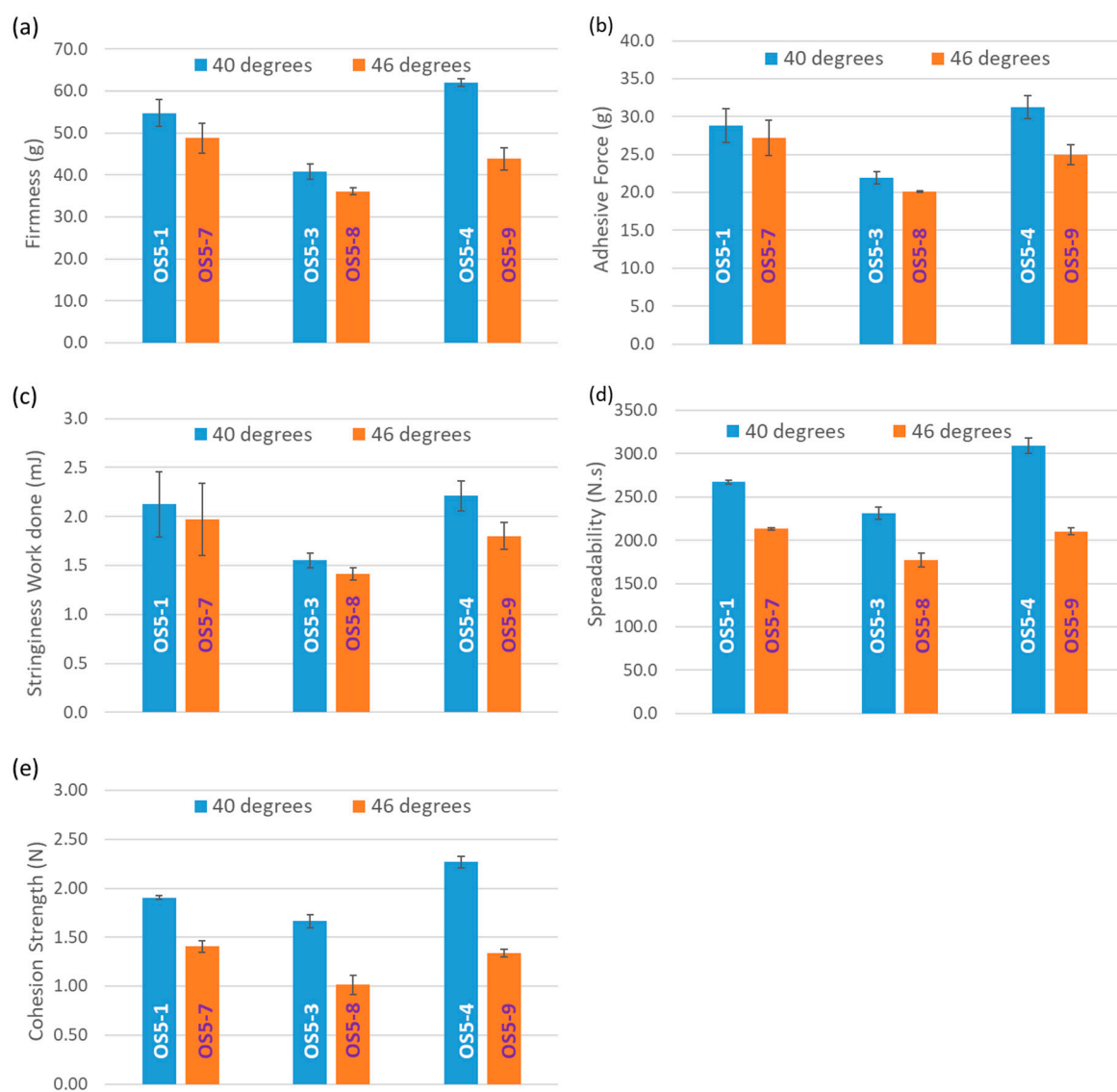


Figure S3. (a-e) Effect of PG addition temperature ([F3]) on textural properties of the ointments.

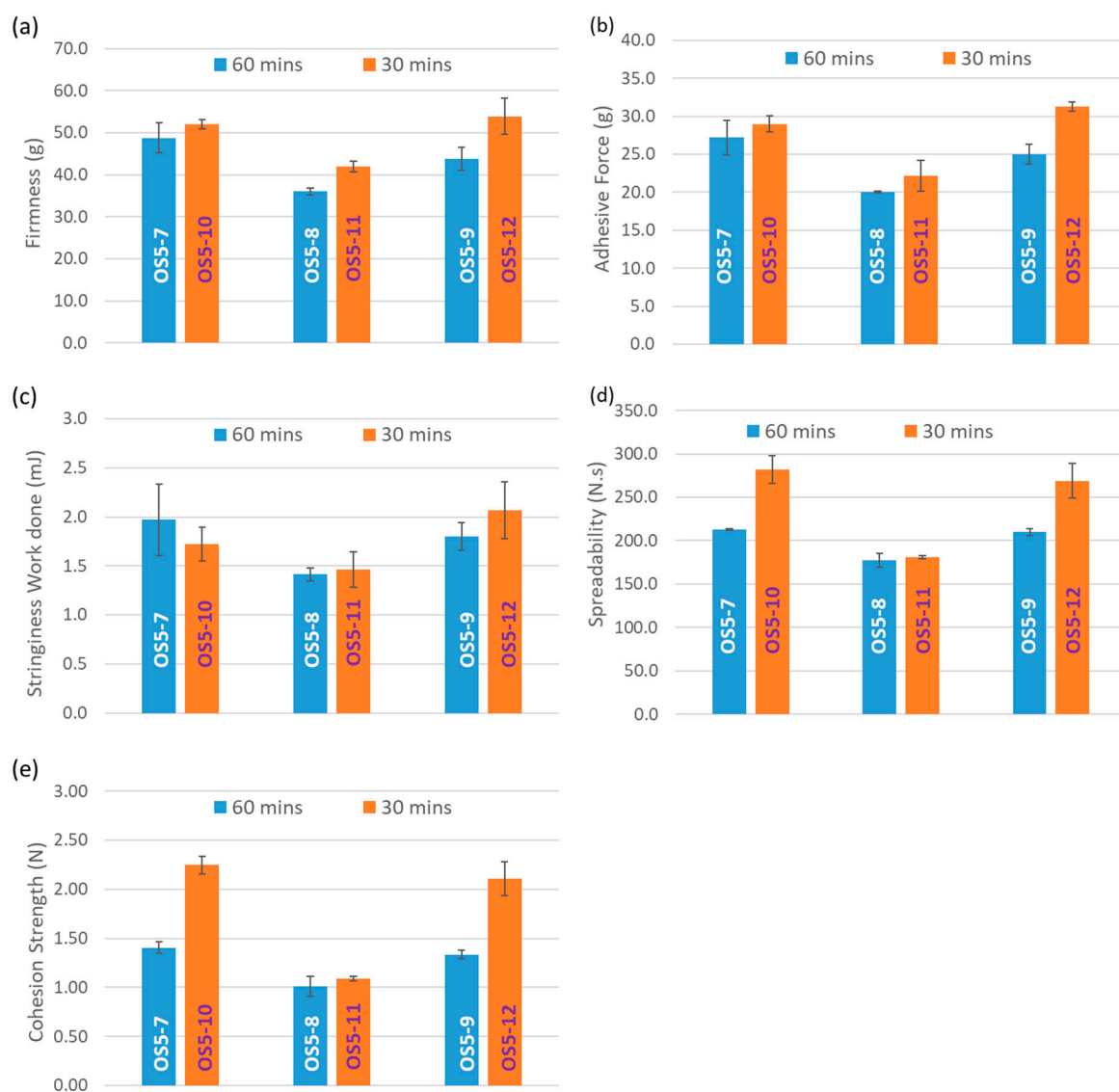


Figure S4. (a-e) Effect of PG addition mixing time at 46°C on textural properties of the ointments.

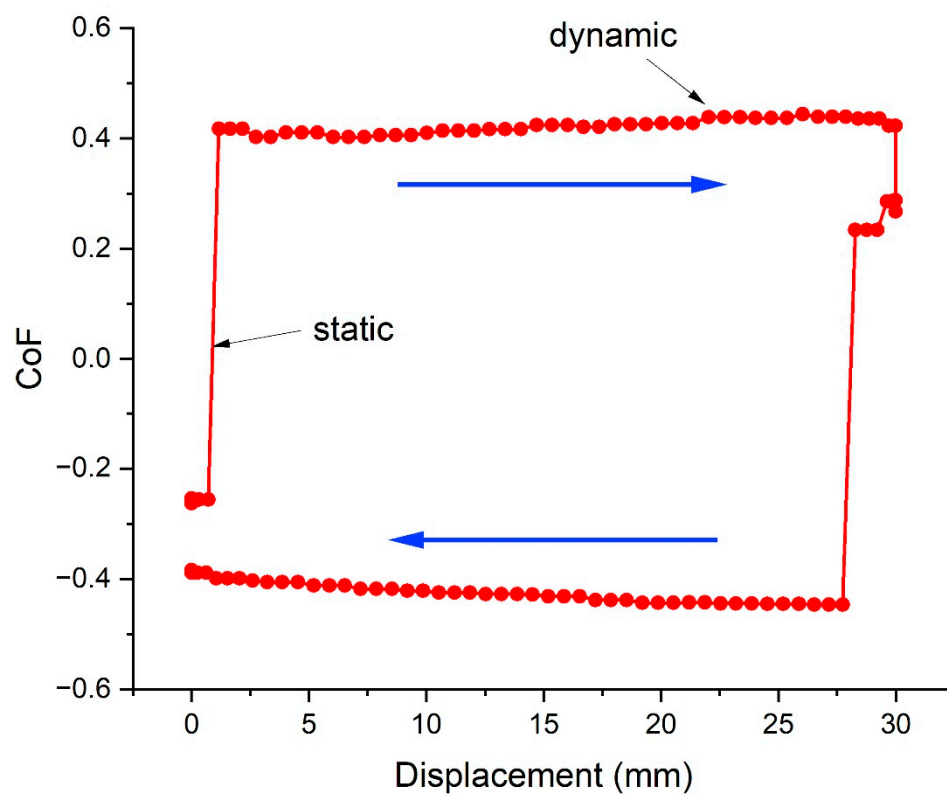


Figure S5. Coefficient of friction vs. probe displacement obtained during tribological experiment on a bioskin plate without ointment.

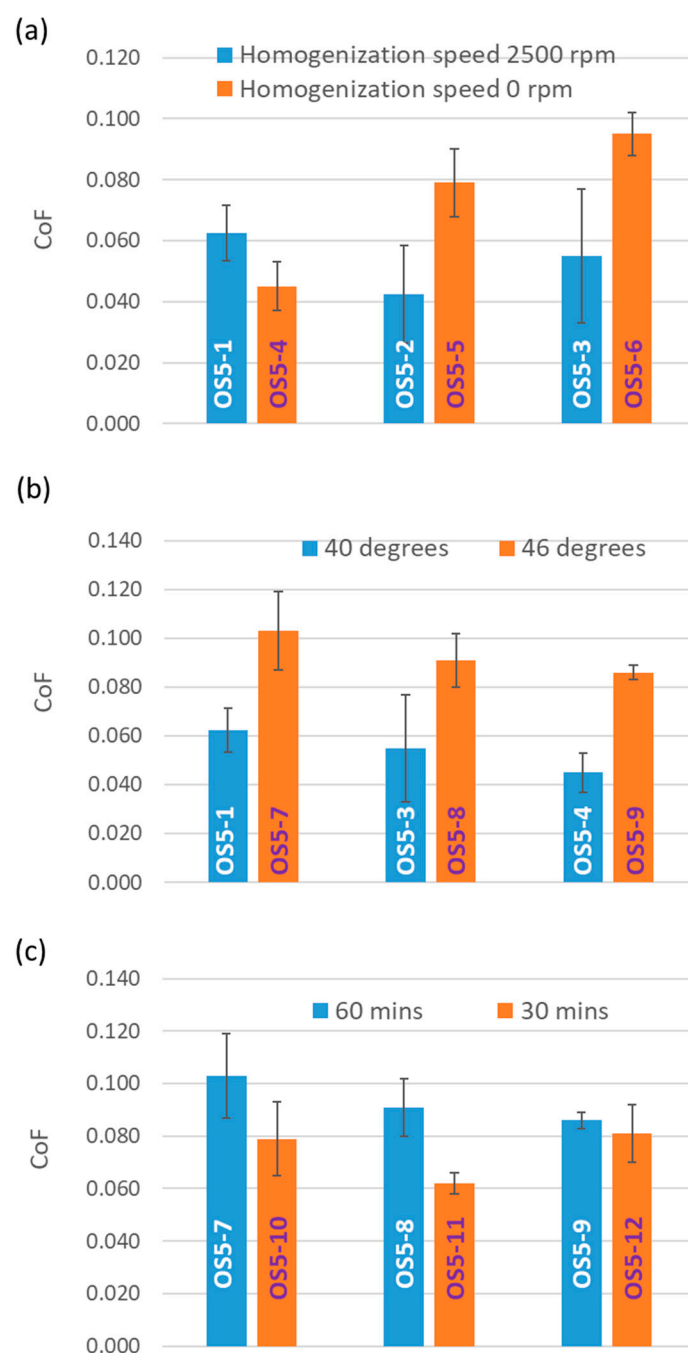


Figure S6. Variation of coefficients of friction with (a) step 5 homogenisation speed, (b) PG addition temperature, (c) PG addition mixing time.