

Optovibrometry: Tracking changes in the surface tension and viscosity of multicomponent droplets in real-time

Victoria C. Harrold and James S. Sharp¹

School of Physics and Astronomy, University of Nottingham, Nottingham, NG7 2RD, UK

¹ Corresponding author, email: james.sharp@nottingham.ac.uk

Supplementary information

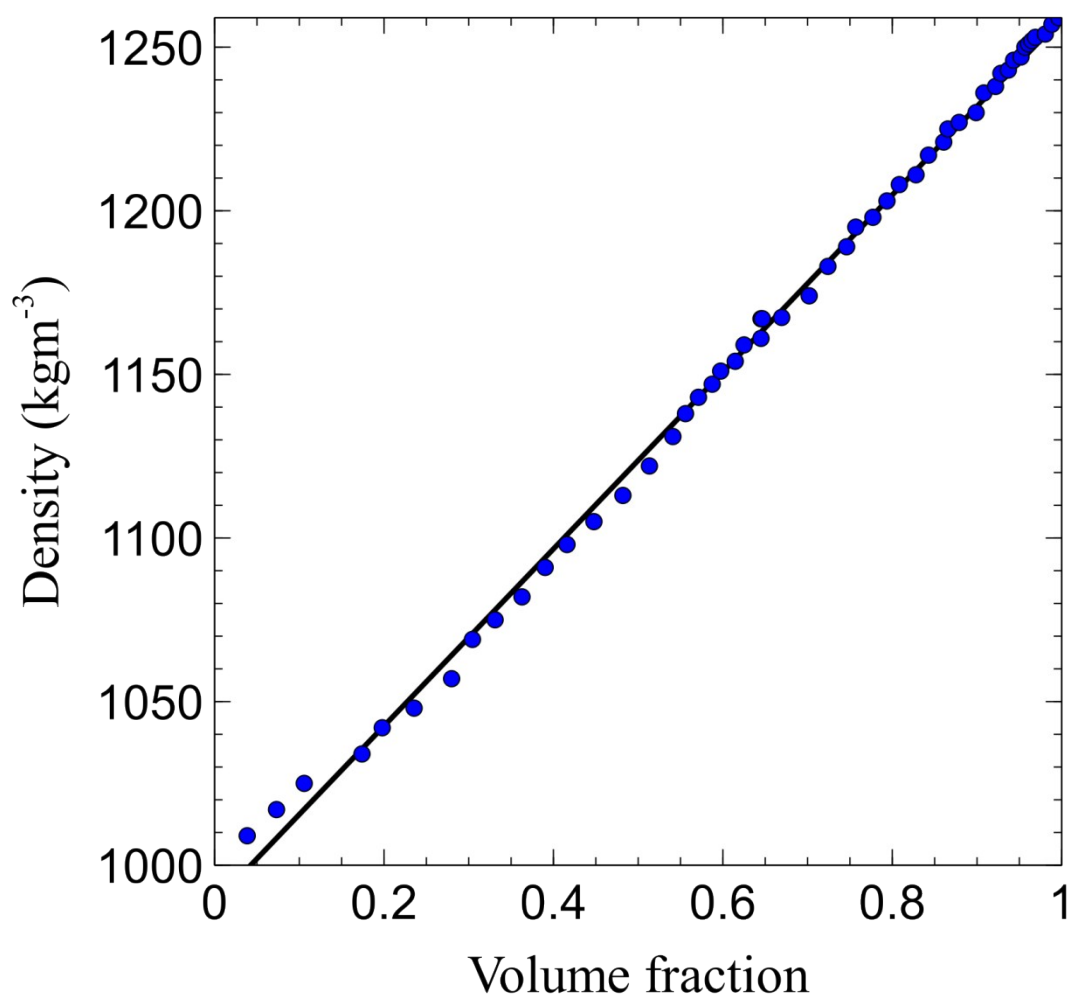


Figure S1. Density of glycerol/water mixtures as a function of the glycerol volume fraction. Data were taken from Sheely [23] and measured at 20°C. The solid line is a linear fit to the data which has the equation $\rho=988+270\phi$, where ρ is the density of the mixture and ϕ is the volume fraction.