Supplementary Information for

Effects of Droplet Size and Surfactants on Anchoring in Liquid Crystal Nanodroplets

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In Figure S1 and S2, simulations were conducted for $3 \times 10^6$ steps and configurations were recorded for last $10^6$ steps (last 0.149 μs). Within these $10^6$ steps of simulation production, data are collected in every $10^4$ steps and averages of 100 frames are used for quantitative analysis. Last frames of each simulations are used for visuals.

Figure S1. Snapshot of the simulation conducted at 1.0 $k_B T$ where repulsion coefficient between water/LC beads was 50 $k_B T/r_c$. Orientational order (S) was calculated as 0.01±0.01.

Figure S2. Snapshot of the simulation conducted at 0.62 $k_B T$ where repulsion coefficient between water/LC beads was 30 $k_B T/r_c$. 
Figure S3. Orientational order of LC molecules for the droplets shown in Figure 3, shown as a function of the distance from the droplet core, within intervals of width 3 $r_c$. 