

In situ investigation of halide co-ion effects on SDS adsorption at air/water interfaces

Supporting Information

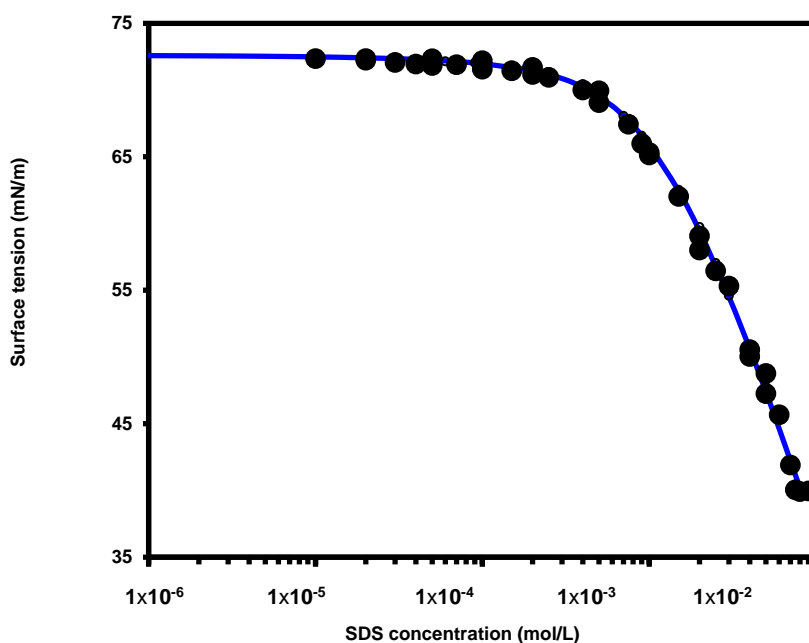


Figure S1: Surface tension of the purified SDS used in this study.

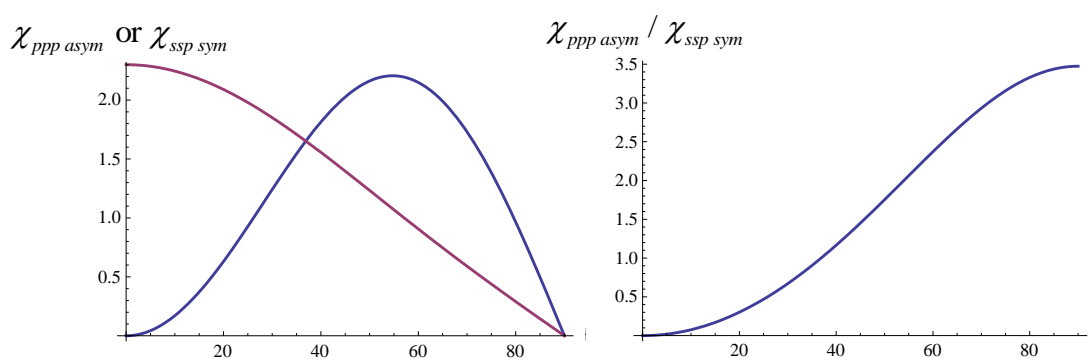


Figure S2: *Left:* Functions of macroscopic hyperpolarisability quantities in the laboratory frame versus methyl tilt angle, θ . Blue: methyl C-H asymmetric stretch in ppp polarization combination, $\chi_{ppp\ asym}$. Maroon: methyl C-H symmetric stretch in ssp polarization combination, $\chi_{ssp\ sym}$. *Right:* $\chi_{ppp\ asym} / \chi_{ssp\ sym}$ as a function of the methyl tilt angle, θ .