

Supporting Information

Binding of Mg^{2+} and Ca^{2+} to Palmitic Acid and Deprotonation of the COOH Headgroup

Studied by Vibrational Sum Frequency Generation Spectroscopy

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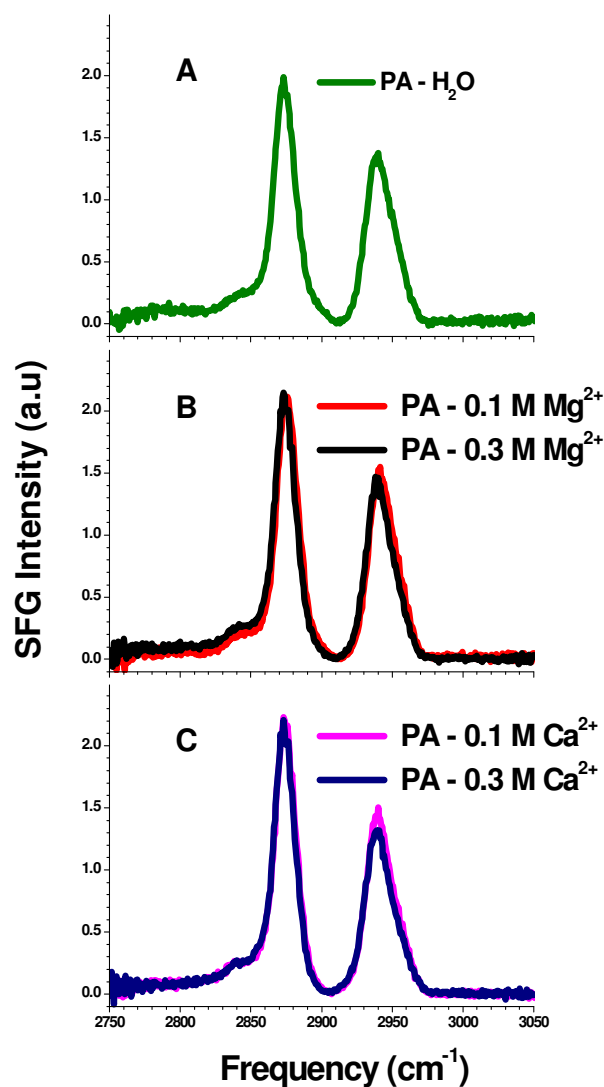


Figure S1. ssp VSG spectra of PA monolayers on aqueous solutions at 30 mN/m: (A) neat water, (B) 0.1 and 0.3 M MgCl_2 , and (C) 0.1 and 0.3 M CaCl_2 .