Physicochemical Properties and Microstructure Formation of the Mixed Surfactants of Sodium N-(n-Dodecyl-2-aminoethanoyl)-L-alaninate and SDS in Aqueous Solutions

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Supporting Information Available

Figure S1. ¹H NMR spectrum of 1:1 C₁₂Ala-SDS ion-pair complex in CDCl₃ solvent.
**Determination of cac of C_{12} Ala.** The cac value of C_{12} Ala in water at pH 12 was obtained from the breakpoint of the plot (Figure S2) of surface tension (\(\gamma\)) versus log C. The cac value thus obtained is equal to 0.6 mM.

**Figure S2.** Plot of surface tension (\(\gamma\)) vs. log C of C_{12} Ala in water (pH 12) at 30°C.