

## Association of Alcohol with Cationic Micelles

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Partition constants for several aliphatic alcohols between water and micellar phases were determined using ultrafiltration and dialysis. Results indicated that the micellized concentrations of the long-chain alcohol followed a Langmuir adsorption isotherm type of profile. Association of pentanol and hexanol with cylindrical micelles induces an increase in size and in dissociation degree (?), followed by a micellar breakdown. These changes can be explained in terms of the number of alcohol molecules per micelle. © 1992, American Chemical Society. All rights reserved.