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Effect of Alkanols on the Micellar Behavior of Chromium Laurate

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 [Keywords](#)
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Abstract: The critical micelle concentration, CMC, degree of dissociation, and dissociation constant of chromium laurate in alcohols (methanol, ethanol, propanol-1, butanol-1 and pentanol-1) were determined using conductometric measurements. The results show that chromium laurate behaves as simple electrolyte in dilute solutions below the CMC, and the conductance results can be explained according to Ostwald's formula and Debye-Huckel's theory of electrolytes.

Key Words: Alkanol, chromium laurate, conductance, critical micelle concentration, dissociation, micellar behavior.



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