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Micellization and Conductometric Studies on Lithium Soaps in Aqueous Medium

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ABSTRACT

The critical micelle concentration (CMC) of Lithium soaps (Laurate and Myristate) have been determined by using conductometric measurements. The molar conductance at infinite dissociation constant has been evaluated. The results show that Lithium soaps (Laurate and Myristate) behave as a weak electrolyte in dilute solutions and CMC has been found to decrease with increasing chain length of the fatty acid constituent of the soap.

Keywords: Lithium soaps, CMC and conductivity.
