



**Conductometric behaviour of Carboxylates of Calcium
in non-aqueous medium**

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ABSTRACT

In the present manuscript critical micelle concentration (CMC), degree of dissociation and dissociation constant of Calcium carboxylates (caproate, caprylate, caprate, laurate, myristate, palmitate and stearate) in 70% chloroform - 30% propylene glycol have been determined from conductivity measurement. The results show that Calcium carboxylates behave as a weak electrolyte in dilute solution and the values of CMC decreases with increasing chain length of fatty acid constituent of the molecule.

Keywords: Calcium carboxylates, conductivity, micellization and CMC value.
