

Abstract

A metodic Study of Tensiometric Evaluation of Transdermal Enhancers

The master thesis brings a comprehensive survey of tenside behavior at interphase and in bulk phase, a detailed explanation of principles and methods of tensiometry using a ring method and an explanation of instructions for Kruss K 100 tensiometer handling. An experimental part is firstly oriented to the elucidation of methodical details needed for a correct measuring using K100 instrument. Then, behavior of aqueous dispersions of transkarbam 12 (T12) and its mixtures with cholesterol was measured. T12 was found to be tenside of unusual properties, its CMC was determined. T12 forms agglomerates in the mixtures with cholesterol.