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Selection of stabilizing system for model cosmetic emulsion

© Alena P. Dremuk,⁺ Nina I. Makhova, Karina I. Kienskaya,* and Grigoriy V. Avramenko

Department of Chemical Technology of Pharmaceutical and Cosmetic Products. Mendeleev Russian

Chemical-Technological University. Panfilov Heroes St., 20. Moscow, 125480. Russia.

E-mail: dremuk-alena@mail.ru

*Supervising author; ⁺Corresponding author

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Abstract

Adsorption and micellization in mixed solutions of nonionic (APG type) and anionic surfactants have been investigated. The interaction parameters in surfactant mixtures have been calculated, the compositions of mixed micelles and adsorption layers have been determined. The synergistic behavior during adsorption and micellization in involved surfactant mixtures was observed. The composition of mixed stabilizing system for model emulsion was selected.