

Esters of sulfated alginic acid

© Ekaterina S. Serebrennikova,⁺ and Anatoly A. Iozep*

*Department of Chemical Engineering of Drugs and Vitamins. St. Petersburg State
Chemical-Pharmaceutical Academy. Prof. Popov St., 14. St. Petersburg, 197376. Russia.*

Phone: +7 (812) 234-19-38. E-mail: serebnews@mail.ru

*Supervising author; ⁺Corresponding author

Key words: *sulfated alginic acid, esters.*

Abstract

Esters of sulfated alginic acid were obtained while heating its *N*-form with alcohols in the conditions of autocatalysis or in the presence of hydrochloric acid. We have investigated the influence of catalysis and duration of the reaction on the number of attached ester groups.