

Study of the kinetics of isotopic exchange in polysaccharide sorbents

© **Tatiana V. Smotrina**,*⁺ **Yury B. Grunin**, and **Innokenty A. Nikolaev**

Department of Physics. Mari State Technical University. Lenin St., 3. Yoshkar-Ola, 424000.

Mari El Republic. Russia. Phone: +7 (8362) 68-68-04. E-mail: tatyana-smotrina@yandex.ru

*Supervising author; ⁺Corresponding author

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Abstract

The study of nuclear magnetic relaxation in polysaccharide sorbents was carried out in the course of the reaction of deuterium exchange. The kinetic parameters of the reaction were defined and availability of functional groups of cellulose, chitosan and chitosan films for deuterium atoms was calculated.