Full Paper	Thematic Section: Physicochemical Research.
Reference Object Identifier – ROI: jbc-02/16-46-5-54	Subsection: Physical Chemistry.
Publication is available for discussion in the framework of the on-line Inte	rnet conference "Butlerov readings".
http://butlerov.com/readings/	
Submitted on July 15, 2016.	

Water acetonitrile solutions features of certain aromatic heterocycles

© Dzhabieva Sara Ali kyzy, Elena A. Kolosova, Irina N. Karaseva, Maxim O. Karasev, and Svetlana V. Kurbatova*⁺

Department of Physical Chemistry and Chromatography. Samara National Research University Named after Acad. S.P. Koroleva. Acad. Pavlov St., 1. Samara, 443011. Russia. Fax: +7 (846) 334-54-17. E-mail: curbatsv@gmail.com

Keywords: aromatic heterocycles, benzotriazole derivatives, electric conductivity, molar refraction, acetonitrile.

Abstract

Results of conductometric and refractometric study water – acetonitrile solutions of certain aromatic heterocycles were given. The features of electrical conductivity heterocyclic solution were shown. Prognostic possibilities obtained dependences of analytes molar refraction by its physico-chemical characteristics and the composition of the solution were illustrated.

^{*}Supervising author; *Corresponding author