

Water-acetonitrile solutions potentiometry and conductivity of oxadiazoles

© Elena L. Vasil'eva, Svetlana V. Kurbatova,*[†]

Elena A. Kolosova and Nadezhda S. Emel'yanova

Department of physical chemistry and chromatography. Samara state university.

Acad. Pavlov St., 1. Samara, 443011. Russia. Fax: +7 (846) 334-54-17. E-mail: curbatsv@ssu.samara.r

*Supervising author; [†]Corresponding author

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Abstract

Solutions of oxadiazoles have been investigated by potentiometry and conductometry in water – acetonitrile mixture with different content of acetonitril. The values of pH solutions are certainly depending on the concentration of acetonitril and concentration of oksadiazoles. Electric conductivity of these solutions and pK values of oxadiazoles have been defined. It has been shown that the values of electric conductivity of solutions depend substantially on the concentration of acetonitril.