-		•	\sim				•	. •	
К	rı	et		m	m	III	IC	atio	n

Thematic Section: Biochemical Studies. Registration Code of Publication: 12-32-13-134 Subsection: Toxicological Chemistry.

Publication is available for discussion in the framework of the on-line Internet conference "Butlerov readings".

http://butlerov.com/readings/ Contributed: December 20, 2012.

Sorbent of hydrogen sulfide on the basis of complex compounds of the formula MgCl₂·ZnCl₂·2Et₂O (were Et₂O – diethyl ether)

© Yury M. Mikhaylov, 1* Roza F. Gatina, and Zalimkhan K. Omarov 2+ State Scientific-Research Institute of Chemical Products. Svetlaya St., 1. Kazan, 420033. Russia. 1) Phone: +7 (843) 544-07-21. E-mail: gniihp@bancorp.ru; 2) Phone: +7 (843) 541-76-02. E-mail: omarov@mail.ru

Keywords: complex compound, sorbent of hydrogen sulfide, gas purification.

Abstract

Sorbent of hydrogen sulfide consisting of a complex compound of the formula MgCl₂·ZnCl₂· 2Et₂O (where Et₂O – diethyl ether) on the solid porous support has been obtained. A number of experiments were performed to study the sorption properties of the obtained hydrogen sulfide sorbent.

^{*}Supervising author; *Corresponding author