

## INVESTIGATION OF ANTIMICROBIAL AND TOXIC PECULIARITIES OF VORTINE

V. Špakauskas, A. Stundžiene, L. Jodkonis

**Summary.** We have created an iodophoric ointment composed of iodine, potassium iodide, salicylic and lactic acid, anestesine, lanoline and vaseline and designated for treatment of suppurative wounds and elimination of warts. Investigations revealed that Vortine produces an antimicrobial effect against escherichias and staphylococci. Vortine disinfects (antiseptical effect) the skin. After treatment with Vortine the amount of microbes decreases by over 90 % in an hour. As 5 % of iodine is included in the ointment slightly irritates the skin of rabbits and locally irritates (negligibly) the skin of cow udder and teats, however, it has no harmful effect on the tissues of the lactic gland.

**Keywords:** udder skin and teat diseases, iodophoric ointments.