

## THE LABORATORY INVESTIGATIONS OF WASHING AND DISINFECTIONS MATERIALS IN USE COWS UDDER PREPARATION BEFORE MILKING

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**Summary.** The study has been carried out in LVA microbiological laboratory to test the influence of sanitizers and disinfection materials “DERMISAN” (France), “TRIONET” (Belgium), “VISSI-TISSI” (Estonia), “ProfilacIopre” (Germany) used for cows udder preparation before milking on microorganisms *Staphylococcus aureus*, *Streptococcus agalactiae* and *Escherichia coli*.

The minimal inhibition concentration (MIC) of washing and disinfection materials was determine. During investigations “in vitro” “DERMISAN” had the most influence on *S. aureus*, *S. agalactiae* and *E. coli* (the minimal inhibition concentration was 3.13 %).

**Keywords:** udder, pathogens, disinfection materials, MIC.