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## **THE USE OF METABIOTICS OF THE LACTIC ACID BACTERIA FOR THE TREATMENT OF SALMONELLOSIS IN FARMS**

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### **Abstract**

Strains of lactic acid bacteria (LAB) *Lactobacillus rhamnosus* BTK-109 and *Lactobacillus acidophilus* 1991 were isolated from different traditional Armenian dairy products from rural alpine households. Purification of culture broth of LAB by the method of ion-exchange chromatography allowed obtaining partially purified antimicrobial preparation (AMP) with broad spectrum of antimicrobial activity. The positive results were obtained during investigation of influence of AMP from *Lactobacillus acidophilus* 1991 on the harmed birds and swine, conducted with using *KOOB-500* and *Arbor Acres* broiler chicken and *Landrace* swine within two farms.

**Keywords:** *lactic acid bacteria, probiotics, metabiotics, salmonellosis*

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