

## Effects of food supplemented with ZooBioR product in young chickens on the functional state of the liver

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### **Abstract**

*Cyanobacteria Spirulina platensis is widely used as a biotransformer of bioelements and as a producer of biologically active substances with a wide spectrum of use. The current study is aimed at objectively examining the impact of the product ZooBioR (obtained from Spirulina platensis) on health, and especially on the marker parameters of the functional state of the liver in hens, in the first technological period of laying. The experiment was performed on 5 groups of birds (of 14 heads/group). In 4 groups out of 5, the food was supplemented with the remedy ZooBioR in different doses (5.0; 10.0; 15.0; 20.0 mg active substance/kg of fodder). It has been established that the tested product improves the health of laying hens, in the first technological period of laying, significantly contributes to improving the metabolic processes in the body, especially the functional state of the liver*

**Key words:** *Young laying hens; ZooBioR Remedy; Liver; ALT and AST transaminases; Bilirubin and its fractions.*