



Aditivos probióticos obtenidos en Cuba [

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Analítica

The experiences obtained in the Center of Biotechnical Studies of the University of Matanzas, Cuba in the development of probiotics starting from locally available residual material or by-products were analyzed. The results are presented for two products: one from a cultivation of *Bacillus subtilis* and another from a cultivation of *Lactobacillus salivarius*, evaluated by means of a randomized experimental design with 300 chickens and 3 treatments: control group, group with cultivation of *B. subtilis* and group with cultivation of *L. salivarius*. Mean weight of the chickens, weight gain, conversion index, viability, channel weight and relationship channel weight / live weight were studied. The best results were reached with the cultivation of *L. salivarius* ($p < 0.05$). These results, demonstrate that it is possible, under the current conditions of Cuba, to develop alternative products as alternatives to antibiotics as growth additive in animal production

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