

PROBIOTIC FOR DISEASE CONTROL AND IMPROVEMENT OF FISH GROWTH

Description:

The big problem that exists today to supply probiotics orally is that these bacteria can die before reaching the intestine, either due to dehydration when in contact with the feed or due to the action of digestive enzymes in the stomach. The present invention consists of a process for the preparation, conservation, and use in fish of the probiotic *Shewanella putresfaciens* Pdp11 for disease control and growth improvement. The prepared suspension can be stored without significant loss of viability for 20-30 days at 4 ° C. The great advantage to be highlighted of the present invention is that it has the ability to maintain the qualities and characteristics of the probiotic for a longer time, with its administration being much more effective.

Keywords:

[Diseases](#), [Aquaculture](#), [Fish Farming](#), [Probiotic](#), [Sewanella Putresfaciens Pdp11](#), [Feed](#), [Growth](#)

Sectors:

[Biotechnology](#), [Agri-food](#)

Areas:

[Food](#), [Marine and Aquaculture](#), [Biotechnology](#), [Procedures](#), [Aquaculture](#)



Advantages:

The great advantage to be highlighted of the present invention is that it has the ability to maintain the qualities and characteristics of the probiotic for a longer time, with its administration being much more effective.

Uses and Applications:

The object of this technology is made up of procedures for the preparation, conservation and use in fish of the probiotic *Sewanella putresfaciens* Pdp11 for disease control and growth improvement, particularly through the use of said probiotic in the production of food products for fish. , particularly feed.

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