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(57) Abstract :

ABSTRACT: Title: Bioactive Feed Additive for Vibrio Infections in Crustaceans and Method of Preparation for the Same The present disclosure proposes a bioactive feed additive for vibrio infections in crustaceans and method of preparation for the same. A bioactive extract is coated on a pellet feed using a protein gel binder to obtain a bioactive feed. The proposed bioactive feed prevents and cures vibrio infections of crustaceans. The proposed bioactive extract increases the survival percentage and decrease mortality rate of white shrimps. The proposed bioactive extract exhibits highest antibacterial activity against the pathogenic bacteria infections V. harveyi and S. aureus. The proposed bioactive extract shows high minimum inhibitory concentration against Vibrio infections.

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