

Screening of Antibacterial Activities of Lactic Acid Bacteria Isolated from Fermented Shrimp of Myaungmya Township in Ayeyarwady Region

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Abstract

Fermented shrimp samples were collected from Myaungmya Township (Central market) in Ayeyarwady Region. Samples were Brought Biotechnology Development Centre, Patheingyi University. And then, the isolation was conducted by direct inoculation method, feeding method and serial dilution method. In the study of isolation, totally 5 strains were obtained from fermented shrimp. Among them, *Lactobacillus* sp. (MM-01) showed the highest antibacterial activity (25.23mm) against human pathogen *Staphylococcus aureus* at 3days (72 hrs) seed culture.

Keywords - Antimicrobial activity, *Staphylococcus aureus*, *Lactobacillus* sp.

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