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Effect of pH and detergents on bacteriocin activity of *Enterococcus gallinarum* isolated from the fish intestine of *Cyprinus carpio* (L.)

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Among the thirty five bacterial isolates isolated from the intestine of freshwater fish *Cyprinus carpio* (Linnaeus), bacteriocin producer *Enterococcus gallinarum* showed inhibitory activity against various Gram positive and Gram negative bacteria. In current research work, one potential bacteria *Enterococcus gallinarum* as bacteriocin producer was examined using agar well diffusion assay and identified on the basis of phenotypic and genotypic study. The effect at different pH (pH 2 to 12) and detergents (Tween 20, Tween 80, Triton-x 100, SDS, Urea and EDTA) on bacteriocin activity of *Enterococcus gallinarum* against *Staphylococcus aureus* was examined.

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