

The Formation of Sulfide Scales on Carbon Steel in Saturated

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Abstract

The present study was carried out to isolate, screening and apply potential probiotic strains in *Artemia* sp. breeding. In this work, 11 strains exhibiting important antibacterial activity against indicators were studied. Their molecular identification by rRNA 16S sequencing assigned them to the species: *Enterococcus* sp. These strains survived to acidic pH and bile salt, and they were moderate producers to biofilm. None of these strains exhibited hemolytic activity and the majority of them was sensitive to beta-lactams and was resistant to streptomycin, tetracycline and trimethoprim. The strains *Enterococcus* sp. (AO.33) and *Enterococcus* sp. (TP.8)

showed the capacity to improve significantly, the hatching rate of cysts and to modulate the ambient bacterial flora in the waters breeding of *Artemia* sp.

Biography

Chahrazed Bouacha Worked in High National School of Marine Sciences and Coastal Management (ENSSMAL). P.B19, Dely Ibrahim-16320- Algiers, Algeria.