

Abstract

Different gelling agents were used to immobilized viable cells in either alginate or -carrageenan gel beads. Based on cell leakage from the gel beads, oxygen and glucose diffusion coefficients and toxicity of the gelling agents, SrCl₂ was found to be the best for immobilization of aerobic microbial cells in, not only alginate but also carrageenan gel beads.

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