

a 2007 0291

The invention refers to phycobiotechnology, particularly to a process for cultivation of *Dunaliella salina* green microalga - source of valuable biologically active substances and can be used in the food and pharmaceutical industries, cosmetology.

The proposed process includes cultivation of *Dunaliella salina* on a nutrient medium containing the culture fluid resulting from cultivation of *Spirulina platensis*, containing the ions, mg/L:  $\text{HCO}_3^-$  3050,0,  $\text{NO}_3^-$  281,0,  $\text{Cl}^-$  596,2,  $\text{SO}_4^{2-}$  97,53,  $\text{K}^+$  400,0,  $\text{Ca}^{2+}$  8,0,  $\text{Mg}^{2+}$  24,32,  $\text{Na}^+$  3800,0, to which is added a magnesium salt in a concentration of 20...50 mg/L  $\text{Mg}^{2+}$  and 1N HCl solution up to the pH of 8,5...9,0, and then NaCl in the concentration of 60...125 g/L.

Claims: 1