

97-0002

The invention relates to the microbiological biotechnology, particularly, to the process for preparation of biomass *Porphyridium cruentum*- the red algae which is the source of phycoerythrine polyunsaturated fatty acids and exopolysaccharides and may be used for preparation of the raw material for pharmaceutical and cosmetic industry.

The technical result of the invention consists in the providing of the high productivity and reducing of the cultivation period.