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The invention relates to biotechnology and can be used for production of biologically active substances.

Strain of *Spirulina platensis* (Nordst) Geitl alga is deposited with the National Collection of Nonpathogenic Microorganisms of the Republic of Moldova of the Institute of Microbiology and Biotechnology of the ASM under the number CNMN-CB-11 and can be used as a source of glutamic and γ - linoleic acids, sulphated polysaccharides, phosphatidylinositol and phosphatidylcholine.

The result is to increase the productivity of alga and the quantity of glutamic and γ - linoleic acids, sulphated polysaccharides, phosphatidylinositol and phosphatidylcholine.

Claims: 1