

94-0262

The invention relates to the biotechnology and may be used at biologic active materials production.

The summary of the invention consists in the fact, that the proposed process includes the cultivation of the cyanobacteries on the nutritient medium, containing as iodinated compound the iodid cobalt(II) hexahydrate in the quantity of 7,5-10,0 mg/l of the suspension.

The technical result consists in the spiruline biomass production which is enriched with organic compounds of iod up to 0,13-0,14% of iod in the drymaterial, as well as with cyancobolamin.