

s 2009 0138

The invention relates to microbiology and biotechnology, particularly a process for the obtaining of a nutrient medium for cultivation of lactobacteria.

The process includes preparation of the medium containing to 1 L: peptone – 10 g, ammonium citrate – 2 g, sodium acetate – 5 g, glucose – 20.0 g, manganese sulphate crystallohydrate – 0.05 g, magnesium sulphate crystallohydrate – 0.2 g, cystein – 0.2 g, agar-agar – 20 g, Twin-80 – 1 ml, yeast antolysate – 50 ml, beef liver extract – 100 ml, hydrolyzed milk – 500 ml, distilled water – the rest, with a pH 6.2...6.6 and sterilization thereof. In the obtained medium is added sweet calamus rhizome infusion, obtained by infusion of 4.8...7.0 g of chopped raw material in 200 ml of boiling water during 30 minutes with subsequent filtration and sterilization of the obtained infusion, which is added in a quantity of 20 ml to one liter of nutrient medium.

Claims: 1