95-0281

The invention relates to biotechnology and refers to a fungus stem, destined for obtaining a complex of cellulolytic ferments, used in food, oil and ether industries, in wine-making, medicine, fodder production.

The above-mentioned stem prows on cheap mediums, containing maize straw, vine, synthesizes an entire cellulolytic complex with high pH and high thermal stability, with an optimum activity at high temperatures (60°C-65°C), which contribute to the intensification of the hydrolysis process of the plant materials and may be onsured the microbiological purity of the process. Besides cellulose, the stem synthesizes accompanying ferments (pectinase, hemicellulose), also contribute to the raise of hydrolyses degree.

The stem is kept in the Microorganisms collection of the Institute or Biochemistry and Physiology of U.S.S.R. with the number BKM F-3292 Δ.

Claims: 1