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The invention relates to biotechnology, namely to a process for producing an enzymatic preparation with β -glucosidase activity.

The process, according to the invention, provides seeding of the *Aspergillus niger* CNMN-FD-10 strain spore suspension in an amount of 5.0 vol. % on a culture medium with the following component ratio, g/L: beet pulp 25.0, wheat bran 20.0, NaNO_3 – 3.0, KH_2PO_4 – 1.0, KCl – 0.1, $\text{CaCl}_2 \cdot 2\text{H}_2\text{O}$ – 0.1, $\text{MgSO}_4 \cdot 7\text{H}_2\text{O}$ – 0.3 and water up to 1.0 L, at a pH 5.5...6.0 and submerged cultivation at a temperature of 28...30°C with continuous stirring, for 7 days, then the culture liquid is separated from the biomass, acidified to pH value 3.0, treated with rectified ethyl alcohol cooled to a temperature of -10...-12°C, in a ratio of respectively 1:2, then the enzymatic preparation is separated by centrifugation.

Claims: 1