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The invention refers to microbiology, in particular to media for cultivation of *Penicillium expansum* CNMN FD 05 C fungi strain, producer of cellulases and may be applied for obtaining cellulose-lytic preparations used in the food, ether-bearing, textile, and pharmaceutical industries.

The nutrient medium contains, in g/L of water: KH_2PO_4 – 1,0; CaCl_2 – 0,1; KCl – 0,1; $\text{MgSO}_4 \cdot 7\text{H}_2\text{O}$ – 0,3; NaNO_3 – 2,5; $\text{FeCl}_3 \cdot 6\text{H}_2\text{O}$ – 0,01; $(\text{NH}_4)_2\text{VO}_3 \cdot \text{Gly}$ – 0,010...0,015; microcrystalline cellulose – 10,0 and corn extract – 15,0; the pH being 4,5.

The result consists in increasing the content of endoglucanases, cellobiohydrolases and β -glucosidases in the cellulose-lytic preparations.

Claims: 1