

MD.82.**Title**

Medium for lyophilization of fungal strains of the genus *Aspergillus*.

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**Description
EN**

The invention relates to biotechnology, namely to a medium for lyophilization of fungal strains of the genus *Aspergillus* and can be used for preservation and long-term storage of fungal strains. The medium, according to the invention, comprises, %: glucose - 7, Fe₂O₃ nanoparticles -

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0.0005 and skim milk - the rest.

Advantage: The result of the invention consists in increasing the viability of the fungal strains after lyophilization and after storage in lyophilized state (6 - 14.0%).

Applications: Microbiology, Biotechnology.

The inventions were created based on scientific results obtained within the project 20.80009.7007.09 „Conservation and exploitation of microbial biodiversity as a support for the development of sustainable technologies and agriculture, integration of science and education”, funded by National Agency for Research and Development (NARD), Republic of Moldova.

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3. Agriculture and Food Industry