

Title (en)  
METHANOL-BASED EXTRACTION OF PSYCHOACTIVE COMPOUNDS FROM FUNGUS

Title (de)  
METHANOLBASIERTE EXTRAKTION PSYCHOAKTIVER VERBINDUNGEN AUS PILZEN

Title (fr)  
EXTRACTION À BASE DE MÉTHANOL DE COMPOSÉS PSYCHOACTIFS D'UN CHAMPIGNON

Publication  
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Application  
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Abstract (en)  
[origin: US2022305402A1] This invention relates to the extraction of psychoactive compounds from fungus for use in medicine. Raw fungus is dried and ground. The solvent used for extraction is methanol or a hydro-methanol mixture, an acidic hydro-methanol mixture, or an alkaline hydro-methanol mixture. The extraction slurry is filtered and pH-adjusted if necessary. The methanol in the solvent is then completely evaporated and water added back, where necessary, to form a concentrated slurry. The concentrated slurry is then standardized to provide a known concentration of the psychoactive alkaloids that have been extracted. The standardized slurry may then be dried to result in a powdered extract with a precisely defined purity of psychoactive compounds.

IPC 8 full level  
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• See also references of WO 2021253124A1

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