

**DEVELOPMENT AND EVALUATION OF NOVEL CARRIER FOR
TOPICAL FORMULATION OF ANTIFUNGAL DRUG****Ayush Pandey*¹, Ashvani Kumar² and Abadhesh Kumar Niranjana³**

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ABSTRACT

We may infer that voriconazole can be given to treat fungus infections using liposomes. One of the most basic unit processes in the assembling of drug measurements structures, fundamentally tablets and cases, is granulation, a technique for molecule development by agglomeration. Granulation, a technique of particle enlargement by agglomeration, is one of the most significant unit operations in the production of pharmaceutical dosage forms, mostly tablets and capsules. Voriconazole was added to the alcoholic admixture of cholesterol with a given drug-to-lipid molar ratio as indicated in the context. Drug incorporation efficiency, representing the retention of Voriconazole in the filtered liposomes with respect to the originally

added drug. Prepared formulation was evaluated for Percentage Yield, Extrudability, pH, Viscosity, Spreadability etc. Percentage Yield And Drug Content of Gel Formulation ranged from 88% to 91% and 85% to 87% respectively. Spreadability of gel formulations and ph of gel formulations were ranged from 1.5 to 2.0 and from 6.00 to 7.00 respectively. The formulation FL-3, FL-4 was found to be have good Spreadability of gel formulations, Extrudability of gel formulations and Viscosity of gel formulations. Further developments in liposome technology will be the catalyst for the complete evolution of liposomes as drug carriers for antifungal therapy as well as for prophylaxis (vaccines) against infections.