

## Botanical Identity and Pharmacognostical Studies of Commercial Vidari of Gujarat.

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*Vidari or Pueraria tuberosa DC. (Fabaceae) has been used in ayurveda as demulcent, refrigerant in fevers, emetic tonic and lactagogue. The commercial Vidari as available in Gujar market under the name of Vidari do not confirm to the source plant, used as an official Vidari. The present paper deals with botanical identity and Pharmacognostical studies of the same. The macroscopic and microscopic findings indicate that the commercial Vidari of Gujarat State is not derived from the angiosperm taxon but derived from Gymnosperm taxon. It is amyliiferous ground of the trunk of Cycas circinalis, Linn.(Cycadaceae). Micro-chemical test, extractive values, phyto-chemical tests, fluorescense analysis and quantitative analysis have also been presented in the*

*present paper. Preliminary phyto-chemical test show the presence of phytosterol and fatty acid in Pet. ether and benzene only, phenolic compound in chloroform, solvent ether, acetone only, mucilage and carbohydrate in methanol, alcohol and water and absence of alkaloid as well as acidic compounds.*

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