

Chemical Analysis of Reetha a Medical Plant

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Abstract: *Acacia concinna* Linn. (Leguminosae) is a medicinal plant that grows in tropical rainforests of southern Asia and the fruits of this plant are used for washing hair an attempt has been carried out in respect to the authenticity and assay of Shikakai (*Acacia Concinna* Linn.) fruit. Present paper reports on pharmacognosy, physico-chemical parameters including the Thin Layer Chromatography of fruit. The result shows the presence of saponin cavity in mesocarp, stone cells in pericarp region, pitted vessels were observed. The phytochemical analysis of the prepared sample by implementing organoleptic, microscopic, physicochemical, preliminary phytochemical screening and quantitative estimation shows 8.04 % then after Chromatographic study to ensure suitable parameters for its quality control

Keywords: Shikakai, Pharmacognosy, Phytochemistry, HPTLC.

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