

Phytochemical Profiling of *Cissusquadrangularis* L. stem using HPTLC

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Abstract: Medicinal plants are one of the most sensitive commodity areas of research in the world today. India is the treasure of traditional knowledge of alternative medicine in the world. The importance of medicinal plant in disease control was well explained in Vedas. *Cissusquadrangularis* L. has been documented in Ayurveda, as a curative medicine for various diseases made it important ancient medicinal plant for pharmacological study. The extract obtained from *C. quadrangularis* is a magical remedy in gout, syphilis, piles, venereal disease and leucorrhoea. Chromatographic techniques are the strong tool to reveal the constituents of medicinal plant with curative mechanism to be discovered. Among them HPLC and HPTLC are the strong tools for the phytochemical studies.

Keywords: Medicinal plant, Ayurveda, HPTLC, *Cissusquadrangularis* L., Phytochemical

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