

## HPTLC Based Qualitative and Quantitative Evaluation of *Uraria picta* Desv: A Dashmool Species

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**Abstract :** In the present investigation, chemical fingerprints of methanolic extracts of roots, stem and leaves of *Uraria picta* were developed using HPTLC technique. These fingerprints will be useful for authentication as well as in differentiating the species from adulterants. These will also serve as a biochemical marker for this valuable species in pharmaceutical industries and plant systemic studies. Roots, stem and leaves of *Uraria picta* were further evaluated for quantification of an active ingredient lupeol to find out alternatives to roots. Results showed more content of lupeol in stem (0.048%, dry wt.) as compare to roots (0.017%, dry wt.) suggesting the utilization of stem in place of roots. It will avoid uprooting of this prestigious plant which ultimately will promote its conservation.

**Keywords :** chemical fingerprints, lupeol, quantification, *Uraria picta*

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