© Society for Promotion of Tropical Biodiversity, Jabalpur

HPLC ANALYSIS OF RHOIFOLIN IN DIFFERENT PLANT PARTS OF URARIA PICTA: A DASHMOOL SPECIES

HARI OM SAXENA^{1*}, ANJANA SONI¹, NASEER MOHAMMAD¹, ARUN KAKKAR² AND NEELU SINGH¹

¹Tropical Forest Research Institute, Jabalpur (M.P.) – 482021

²Department of Chemistry, Govt. Model Science College, Jabalpur (M.P.) - 482001

*Corresponding author: saxenaho@rediffmail.com

ABSTRACT: High performance liquid chromatography (HPLC) is a very versatile, safest, dependable and fastest chromatographic tool for qualitative and quantitative estimation of pharmaceutical and biological samples. In the present investigation, we have quantified rhoifoiln, a major bioactive ingredient in different plant parts (leaves, stem & roots) of *Uraria picta* Desv., a Dashmool species. HPLC chromatograms showed the absence of rhoifolin in roots of above target species.

Keywords: HPLC, Rhoifolin, *Uraria picta*, Leaves, Stem, Roots

Citation: Saxena HO, Soni A, Mohammad N, Kakkar A, Singh N (2014) HPLC analysis of rhoifolin in different plant parts of *Uraria picta*: a dashmool species. Indian J Trop Biodiv 22(2): 199-201