

## Phytochemical Screening of Roots of *Peltophorum pterocarpum*

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**Abstract :** *Peltophorum pterocarpum* known as copper pod belongs to the family Fabaceae, native to tropical south-eastern asia and a popularly ornamental tree grown around the world. In traditional medicine it is used as an astringent to cure or relieve intestinal disorders after pain at childbirth, sprains, bruises and swelling or as a lotion for eye troubles, muscular pains and sores. It is also used for gargles and tooth powders. Medcinally; it has proven to possess various pharmacological activities. The powdered root part of *Peltophorum pterocarpum* (250gr) were extracted exhaustively using different solvents and phytochemical investigations has shown the presence of various secondary metabolites like alkaloids, flavanoids, tannins, saponins, proteins, glycosides, steriods, and volatile.

**Keywords :** antibacterialactivity, fabaceae, peltophorum pterocarpum, isocoumari, alkaloids

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