



## Phytochemical Screening and antioxidant activity of *Glochidion ellipticum*

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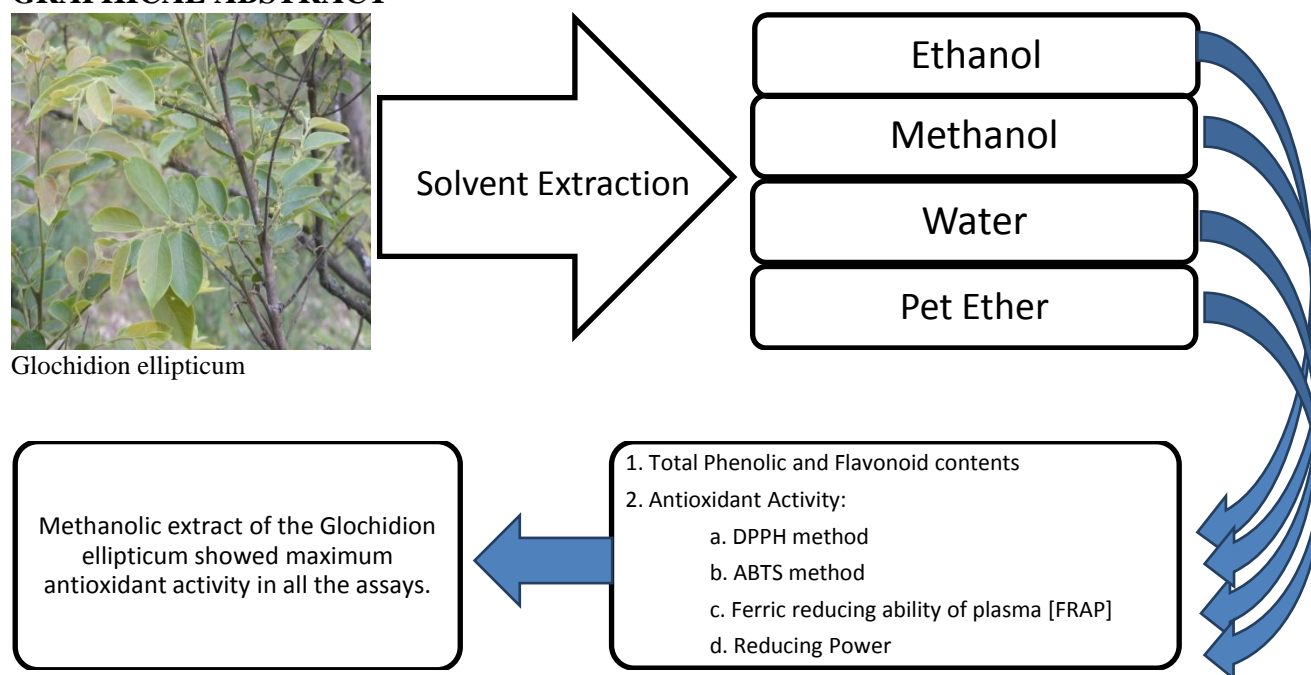
### ABSTRACT

*Glochidion ellipticum* was investigated for its phytochemical content and antioxidant activity. For this purpose, leaves of the plant were selected and phytochemicals were extracted using different solvents viz. methanol, ethanol, aqueous and petroleum ether. The total Phenolic and Flavonoid content was found to be highest in ethanolic extract having 162.2  $\mu\text{g/ml}$  equiv. Ferulic Acid and 135.2  $\mu\text{g mL}^{-1}$  equivalent quercetin respectively. The Antioxidant activity of the different extracts was evaluated using DPPH radical scavenging, ABTS radical scavenging, ferric reducing antioxidant power, (FRAP) and Reducing power. Methanolic extract showed the maximum antioxidant activity in all the assays.

### GRAPHICAL ABSTRACT



Glochidion ellipticum



**Keywords:** Antioxidants, Total Phenolic Content, Phytochemicals.

