

Phyto constituents: An analysis of cinnamon (*Cinnamomum verum*) leaf extracts

■ R.K. DHANALAXMI AND JYOTI V. VASTRAD

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See end of the paper for authors' affiliations

R.K. DHANALAXMI

Department of Textile and Apparel Designing, College of Rural Home Science, University of Agricultural Sciences, DHARWAD (KARNATAKA) INDIA
Email: ghanalaxmirajkumari@gmail.com

■ **ABSTRACT** : Leaf of cinnamon (*Cinnamomum verum*) commonly known as cinnamon or ceylon cinnamon was collected and extracted in 50ml of solvent *i.e.*, ethanol, methanol and aqueous, respectively. Yield of all the supernatants were measured and preliminary test for the presence of phytochemicals such as alkaloids, flavonoids, saponin, terpenoids, phenolic acid and tannins was carried out. Total phenols of all the extracts was estimated using Folic-Ciocaltue reagent with gallic acid as the reference standard. Study revealed that aqueous extracts produced more yield and high total phenols than methanol followed by ethanol. However, the phytochemical screening indicated the presence of all the phenolic compounds in leaf extracts. The extracts can further be utilized for antimicrobial activity that can later fetch utility as eco-friendly finishes.

■ **KEY WORDS**: *Cinnamomum verum*, Ethanol, Methanol, Aqueous, Yield, Total phenols, Phyto constituents

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