

RESEARCH PAPER

The biochemical and phytochemical study of *Tinospora cordifolia* in water extracts

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ABSTRACT

Tinospora cordifolia (TC) is a widely used medicinal herb in Indian ayurvedic system as this plant has great antioxidant potential which is due to their contents of variable phytoconstituents. The aqueous extract showed significant antioxidant potential and also possess metal chelation and reducing power activity. *Tinospora cordifolia* aqueous extract was found to have the total phenolic content 8.0 mg/g, flavonoids 3.0 mg/g and tannins 18.0 mg/g.

Key Words : *Tinospora cordifolia*, Antioxidant, Metal chelation, Phenolic content

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