



## RESEARCH PAPER

# A study on phytochemical extraction of *Aloe vera*

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**Abstract :** Aloe vera is considered to evaluate over its properties to alleviate the dislipidemic and hyperglycemic conditions on animal models to raise fresh evidences, so that the plant or its extracts could be suggested confidently for its use for health endorsing potential medicinal plant. The preliminary phytochemical analysis of hydroethanolic extract of *Aloe vera* showed presence of phenols, tannin, steroids, terpenoids and glycosides. Total Phenol Content (mg GAE/g), Total Flavonoid Content (mg QE/g) of hydroethanolic extract of *Aloe vera* were, respectively 393.65 mg and flavonoid 334.947 µg/mg, respectively.

**Key Words :** Phytochemicals, *Aleo vera*, Phenol, Flavonoids, Hydroalcoholic extract

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