

Hypoglycemic activity of roots of *Phyllanthus reticulatus* in alloxan induced diabetic mice

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SUMMARY

The plant *Phyllanthus reticulatus* is claimed to have hypoglycemic activity in tribal area. To validate the tribal claim, the petroleum ether and ethanolic extracts of roots of the plant orally tested at doses of 500 and 1000mg/kg for hypoglycemic effect in alloxan induces diabetic mice. It shows very good hypoglycemic activity at the dose of 1000mg/kg. The phytochemical screening of the residues revealed the presence of terpenoids glycosides, protein, carbohydrates and absence of alkaloids and steroids.

Key words: *Phyllanthus reticulatus*, Hypoglycemic, Diabetes.