



In Vitro Study on Anthelmintic Activity of *Aristolochia indica* and *A. tagala* Roots

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SUMMARY. The present study has been undertaken to screen the anthelmintic potential of aqueous root extracts of *Aristolochia indica* Linn. and *A. tagala* Cham. against adult Indian earthworm *Pheritima posthuma* and round worms *Ascaridia galli*. Different concentrations of the extracts ranging from 2-8 mg/mL were screened. Piperazine citrate was used as reference standard. Extract of *A. tagala* was found to be more potent and effective at the dose level of 2 mg/mL compared to the extract of *A. indica*. Extracts showed dose dependant activity. The study reports that the plants *A. indica* and *A. tagala* roots possess potent anthelmintic properties.

KEY WORDS: Anthelmintic activity, *Aristolochia indica*, *Aristolochia tagala*.

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