



**THE OVICIDAL POTENTIAL OF THE PEEL AND
SEED ETHANOLIC CRUDE EXTRACTS OF
Garcinia mangostana (MANGOSTEEN)
AGAINST *Ascaris suum***

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ABSTRACT

This study examined the ovicidal activity of the peel and seed extract of *Garcinia mangostana* against the eggs of *Ascaris suum*. *A. suum* eggs were subjected in three different concentrations, respectively, 25%, 50%, and 100% of the peel and seed extract of *G. mangostana* for 68 days with daily observation in correspondence to its morphological changes of the hatched and unhatched eggs as the variable in determining the ovicidal potential. The results showed that the peel and seed extract obtained an ovicidal effect against the eggs of *Ascaris suum* containing a significant effect ($p < 0.00$) to which the 100% and 25% concentration, respectively, was the most effective among the three concentrations for each extract.

Key words: Ascaris suum, Eggs, Garcinia mangostana