

## CERTIFICATE

**Dr. S. KARPAGAM, M. Sc., M. Phil., Ph. D.,**  
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I certify that the thesis entitled “**Pharmacognostical, Phytochemical, Pharmacological and Antimicrobial Studies on *Carmona retusa* (Vahl) Masam.**” submitted by **S. MAGESWARI, M. Sc., M. Phil.**, in a partial fulfilment of requirement for the degree of Doctor of philosophy to University of Madras is a record bonafide research work done by her during the period from September 2011 to August 2015 under my guidance and supervision and that no part of the thesis has previously formed the basis for the award of any degree, diploma, associateship, fellowship or other similar titles.

**(Dr. S. KARPAGAM)**

Place: Chennai - 4

Date: