CERTIFICATE

This is to certify that the dissertation entitled, "SYNTHESIS AND CHARACTERISATION OF PHENOLPHTHALEIN DERIVATIVES", which is being submitted herewith for the award of the Degree of Master of Philosophy in Chemistry of Shivaji University, Kolhapur is the result of the original research work completed by Shri Sunil S. Vibhute under my supervision and guidance and to the best of knowledge and belief, the work embodied in this dissertation has not formed earlier the basis for the award of any Degree or similar title of this or any other university or examining body.

Place : SOLAPUR

Date :- 22/12/95

(Dr.N.N.Maldar) Research Guide

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