


C E R T I F I C A T E

I hereby certify that the entire work except the microanalysis embodied in the dissertation entitled "Synthesis of ar-Juvabione" has been carried out by Shri B.P.Kavitake under my supervision and guidance in the Department of Chemistry, Shivaji University, Kolhapur and that any part of it has not been submitted for any degree, diploma or membership of any University or Institute previously.



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