

C E R T I F I C A T E

I certify that the dissertation entitled " KINETICS AND MECHANISM OF OXIDATION OF AROMATIC AMINES BY POTASSIUM BROMATE " submitted by Shri. P. R. Pawar for the award of Master of Philosophy in Physical Chemistry of Shivaji University, Kolhapur, under the faculty of Science, is a record of bonafide work carried out by him under my supervision and guidance.

It is further to certify that he has worked under my supervision and guidance upto the mark for preparing the dissertation at Shivaji University, Kolhapur.

Kolhapur.

Date : 3.8.1989

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