CERTIFICATE.

I certify that the dissertation entitled "KINETICS ANDMECHANISM OFOXIDATION CHLORAMINE-HETEROCYCLIC HYDRAZIDES BYsubmitted by Shri B.G.Surpur for the award of Master of Philosophy in organic chemistry of Shivaji University, Kolhapur under faculty of science, is a record of bonafide work carried out by him under my supervision and guidance, and no part of it has been submitted previously for any other degree or diploma.

Kolhapur

5-8-1488

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