DECLARATION

I hereby declare that with the exception of guidance and suggestions received from my supervisor Dr. K.L. Handoo, Ph.D., F.I.C., C.Chem., F.R.I.C.(London), Reader, Post-Graduate Department of Chemistry, University of Kashmir, Srinagar, this thesis is my own unaided work. It is based upon the research work carried out by me at the Chemistry Departments of University of Sagar and University of Kashmir.

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