

A C K N O W L E D G M E N T S

I take this opportunity to express my deep sense of gratitude to Prof. Suresh Sethna, Pro-Vice-Chancellor, M.S.University of Baroda, Baroda, for suggesting the problem and for his valuable guidance during the course of this work.

My grateful thanks are due to Prof. K.N.Trivedi, Head, Chemistry Department, M.S.University of Baroda, Baroda, for providing the facilities required for this work.

Thanks are due to Dr. Sukh Dev, Director, Multi-Chem Research Centre, Nandesari, for NMR spectra.

My thanks are also due to Dr. S.S.Lele, Reader, Analytical Chemistry, for the microanalysis.

I thank the University Grants Commission for the award of a Research Scholarship.

Finally, I sincerely thank all my fellow-workers especially Mr. R.R.Shah and Mr. Y.G.Gaekwad for their kind co-operation and willingly rendered help.

Prabha Gawande