ACKNOWLEDGEMENT

I express my profound gratitude and genuine thanks to my guide Dr. D. D. Goswami, Reader, Department of Chemistry, for his valuable guidance, constant encouragement and keen interest throughout the work. The work was found to be improbable at one stage became possible due to him.

I am indebted to the Head of the Department of Chemistry and other staff members who have encouraged me during the work.

I take this opportunity to express my sincere thanks to Mr. Vijay Joshi and Mr. Mahesh Joshi of M/s Vaishali Aromatics India (P) Ltd. for providing raw material, GCMS facility and their continued interest during the work.

I must also express my profound thanks to Dr. P. P. Wadgaonkar, Dr. B. M. Bhawal, Dr. U. R. Kalkote, Senior Scientists NCL Pune, Dr. Vijay Dhokne, Senior Manager (R&D) Concept Laboratories (P) Ltd, A'bad and Mr. V. V. Kamble, Assistant Director, Regional Forensic Laboratory, Aurangabad, Mr. A.A. Walvekar, Manager Q.C., Rallies India Ltd, A'bad for their heartiest cooperation.

Expression fails and words are inadequate to express my gratitude to my beloved Parents, brothers and sisters for their deep affection, constant encouragement and moral strength.

I am very much grateful to my research colleagues Smt. R. A. Shastri and Miss. S. V. Pedgaonkar, who helped me in numerous ways.

A word of personal appreciation goes to my well wishers Mrs. S. D. Goswami and friends Mr. S. Y. Machave, Mr. V. H. Deshpande, Dr. S. B. Sadawarte and Dr. H. P. Bhagat for their whole hearted cooperation.

I sincerely thank to Mr. M. S. Muraleedharan and M/s Zorin Com-Printers for preparing manuscript.

(S. S. Selukar)