



ACKNOWLEDGEMENTS

I would first like to thank the Almighty because of WHOM only this Research work was possible.

I take this golden opportunity to express a deep sense of gratitude to my esteemed guide, Dr. (Mrs.) Rajani Giridhar, Reader, Pharmaceutical Chemistry, Pharmacy Department Faculty of Technology and Engineering, M.S. University of Baroda, Baroda, for her erudite guidance, kind cooperation, constructive criticism, perpetual encouragement, timely advice and meticulous attention throughout the course of this work.

I wish to express my sincere thanks to Prof. A.N. Mishra, Head, Pharmacy Department, Faculty of Tech. & Engg., M.S. University of Baroda, Baroda, for providing the necessary facilities for this study.

I owe a deep sense of gratitude to Prof. S.H.Mishra. Professor in Pharmacognasy, Former Head, Pharmacy Department, M. S. University of Baroda, Baroda, for his kind cooperation.

I take this opportunity to thank Prof. M.R.Yadav, Professor, Pharmacy Department, Faculty of Technology and Engineering, M.S. University of Baroda, Baroda, for his invaluable advice and suggestions throughout the course of my work.

My sincere thanks are due to the Dean, Faculty of Technology and Engineering, M. S. University of Baroda, Baroda, for providing me with the facilities required for my research work.

I am very much grateful to Dr. Dushyant R. Patel, Partner, M/s Astral Pharmaceutical Industries, Makarpura GIDC, Baroda, for sponsoring this research work, without which, I would not have had the opportunity to carry out this work.

I am thankful to M/s Sun Pharmaceuticals Industries Limited for supplying all samples for this study.

It gives me immense pleasure to appreciate the moral support, constant encouragement, and help of Dr.T.Rajamannar, Dr.K.Shivram, Sun Pharmaceuticals Industries Limited during the various stages of my work.

I express my sincere thanks to Dr.Harivardhan Reddy & Mr.Ramajayam for their kind co-operation.

I owe special thanks to the staff of the libraries of M/s Alembic chemical works Co. Ltd., SPARC, Faculty of Technology and Engineering, Smt. Hansa Mehta library, M.S. University of Baroda, for allowing me to utilise the library facilities.

My heart felt gratitude to my dearest family members (Udayasri, Abhinav, Shri.Sasidhararao & Lakshmi Tulasi) for their kind blessings, unbound affection, constant inspiration and moral support. I am indebted to all my family members for extending a helping hand during the entire tenure of this work.

I would like to acknowledge Mr. Narendra Patel and Mr.Y.D.Chowdhary SunPharma Advanced Research Center, Baroda for performing ruggedness experiments as part of method validations.

Last but, certainly not the least, I wish to thank and remember all others who helped me in one way or the other in the fulfillment of this research work.