

Acknowledgements

I wish to express my deepest gratitude and indebtedness to my esteemed guide Dr. R. S. R. Murthy, professor of Pharmaceutics, Pharmacy department, for his constant source of inspiring guidance, thought provoking ideas and encouragement to me and this dissertation is a result of his rational and meaningful thinking.

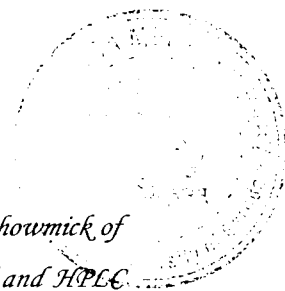
I offer my humble thanks to Prof. A. N. Misra, head, Pharmacy Department for providing excellent research facilities and also for always keeping the scientific temperament alive in all of us.

I am also thankful to Prof. S. H. Mishra, Prof. R. Balaraman, Dr. (Mrs.) K. K. Sawant, Prof. M. R. Yadav and to all staff members for extending their help during the course of my work. I would like to thank all the technical and non-technical staff members for their help during the work.

I am extremely grateful to the Council of Scientific of Industrial Research for providing financial support during my research work.

I also offer my humble thanks to Dr. Gour Mukherji, Jubilant Organosys Ltd. Noida, India, for extending his support during my thesis work.

I would also like to thank to Prof. A. K. Rakshit of Chemistry Department, Prof. R. Sengupta and Mrs. Bina Sengupta of Chemical Engineering Department, Mr. Padmanavan of Polytechnic engineering department, Mr. Yogmesh Nandurbarkar of Statistics Department, Prof. Surekha Devi of Chemistry Department, M. S. University of Baroda for providing facilities and help during characterization and optimization of the system.



I would also like to thank to Shri Kamallesh Dudhara, Mr Z. Z. Tyebji, Dr. S. Bhowmick of Sun Pharma Advanced Research Centre (SPARC), Baroda for providing material and HPLC facilities during my research work,

I am also grateful to Mr. Sunil Agnihotri of Karnataka University, Ms Arti Dogra, Mr Indrajit Shown and Mr. Angshuman Pal of The M.S. University of Baroda for the timely help needed for successful completion of work,

A note of this kind cannot end without a word of appreciation and thankfulness to Rita Majithia, Manish Umrethia, Vijay Kulkarni, Tushar Rajguru, Tushar Vyas, Vikram Shenoy, Bijay Padhi, Mahavir, Pinki Singh, Nazneen, Jayesh, Subramonium, Arulsudar, Anand, Ahwin Rao, Sudipto Basu, Nilesh Malabha, Viral, Pranav Munish, Pramod, Shaym, for their many helpful and affection during the work

I would also like to thank to my SPARC-colleague Rajneesh, Soumen, Vimal, Dr. Venkatesh, Satya, Dr. Panigrahi, and other friends for their help in other way during the course of work, I would also like to thank to Mr Raktim mukherjee and Mr Prem Kuamr of Zoology Department, M S University of Baroda for evaluation of histopathology studies.

This acknowledgement will be incomplete without appreciating the moral support, blessing, inspiration and constant encouragement of my parents, wife, daughter, sister and other family members. Without their blessing, best wishes, moral support and encouragement, this work would not have been the same; it will be impossible to find appropriate means to fulfill the eternal debt, which I owe to them.

Finally it is inevitable in this project, that omissions, occasional errors and lapses in the accuracy of interpretations might have escaped detection. I hope that any mistakes are minor and minimum and I accept the full and exclusive responsibilities for them.

Pradip Kumar Ghosh