ACKNOWLEDGEMENTS

It is with great pleasure and honour that I take this opportunity to express my sincere gratitude to Prof. Y. K. Agrawal, Head, Pharmacy Department, Faculty of Technology and Engineering, M.S. University of Baroda, Baroda, for his valuable guidance, criticism and continuous help without which it would not have been possible to complete this work.

I take this opportunity to express my grateful thanks to Prof. S. B. Pandya, Dean, Faculty of Technology and Engineering, Prof. J. M. Lohar, Head, Applied Chemistry Department, Faculty of Technology and Engineering, M. S. University of Baroda, for providing the facilities to carry out this research work.

I am obliged to Head, Library and Information Division, Bhabha Atomic Research Centre, Bombay and M. S. University of Baroda, Baroda for providing the library facilities.

It is a matter of great pleasure for me to offer my sincere thanks to Dr. (Mrs.) Shobhna Menon and all my colleagues of the Analytical Laboratories, Pharmacy Department for the valuable help rendered during the course of this work.

Finally, a word of thanks to Mr. P. S. Bhoite for his neat and efficient typing.

My sincere thanks to the ${\tt M.~S.}$ University of Baroda for the financial assistance and award of Research Assistanceship.

Nirmalya Sinha (NIRMALYA SINHA)