ACKNOWLEDGEMENTS

I wish to express my deepest sense of gratitude and indebtedness to Dr. V.R. Bhalerao, M.Sc., Ph.D. (Illinois), F.I.C., Deputy Animal Husbandry Commissioner, Indian Council of Agricultural Research, New Delhi, formerly Professor and Head of the Department of Dairy Chemistry, National Dairy Research Institute, Karnal (Haryana), for his unstinted guidance, constant encouragement and constructive criticism throughout the period of investigation and preparation of the manuscript.

Sincerest thanks are again due to him for having kept at my disposal the rich collection of reprints and books out of his personal library. But for his broad vision of the subject and thorough acquaintance with the practical aspects of the problem the study would not have been initiated and completed in such a short time.

I feel very much obliged to Dr. K.K. Narayanan, Associate Professor Dairy Chemistry for his cooperation and help rendered during the course of investigation. My thanks are also due to Dr. N.C. Ganguli, Head, Division of Dairy Chemistry, formerly Dairy Biochemist (Proteose Pepxone Scheme), and other members of the Dairy Chemistry Division for their kind cooperation.

I am grateful to Dr. I.S. Bhatia, Professor-cum-Head of Chemistry and Biochemistry Department, Punjab Agricultural University, Ludhiana for his encouragement during the writing of the thesis.

I owe my thanks to Drs. N.N. Dastur and A.T. Dudani, formerly Directors of Dairy Research and Dr. S.N. Ray, present Director of Dairy Research for their interest in the work.

Finally, I thankfully acknowledge the financial assistance in the form of a Senior Fellowship in Dairy Chemistry from the Indian Council of Agricultural Research, New Delhi.