## Acknowledgement

The researches reported in this thesis were carried out in the laboratories of the Biochemistry & Food Technology Division, Bhabha Atomic Research Centre, Bombay.

My sincere thanks are to Dr. A. Sreenivasan, M.A., D.Sc., F.N.I., Director, Cancer Research Institute, Parel, Bombay, and till recently, Emeritus Scientist and Adviser, Biochemistry & Food Technology Division, Bhabha Atomic Research Centre, for his suggestion of the problem and for his guidance and constant encouragement throughout.

I am deeply indebted to Dr.A.S. Aiyar, B.Sc.(Tech), Ph.D., for his valuable guidance, critical appraisal of the experiments and important suggestions from time to time. I am very much grateful to him for his help in evaluating the data and in reviewing the manuscript.

I also express my thanks to Dr (Miss) P.Fatterpaker, M.Sc., Ph.D., for her keen interest in the investigations and encouragement.

Thanks are also due to Dr. G.B. Nadkarni, Head, Biochemistry & Food Technology Division.

I am thankful to all my colleagues in the laboratory for helping me in various ways, during the course of the investigations.