

I



A C K N O W L E D G E M E N T

It is a great pleasure for me to express my deep sense of gratitude to Professor A.M.Talati, Ex. Head, Applied Chemistry Department, Faculty of Technology and Engineering, M.S.University of Baroda, for suggesting the problem and stimulating interest in the work, and for encouragement and valuable guidance throughout the various phases of the work.

I am thankful to Professor V.V.Modi, Dean, Faculty of Science and Professor P.K.Bhattacharya, Head, Chemistry Department, for their interest in my work.

I am thankful to Professor S.M.Sen, Ex. Dean, Faculty of Technology and Engineering and Professor Deepak De, Dean, Faculty of Technology and Engineering, for providing the facilities to carry out research work.

I am sincerely thankful to Professor J.M.Lohar,  
Head, Applied Chemistry Department and Vice Dean,  
Faculty of Technology and Engineering for his  
positive interest in my work.

I am thankful to Dr.S.S.Mele and his coworkers  
for the micro analysis of the samples.

My thanks are due to Professor R.A.Vora,  
Shri S.T.Bhatt and Miss D.S.Chaudhari for their help  
and co-operation during the course of my work.

Finally I owe a large debt of gratitudes to all  
my colleagues and research fellows for their active  
help and co-operation.

Y. K. JOSHI  
— — —