

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

With reverence, I offer prayers to the departed soul of Prof. J.M. Lohar. Prof. Lohar as Professor and Head of the Applied Chemistry Department, Faculty of Technology and Engineering, M.S. University encouraged me to do thesis work by accepting me as his student and permitting me to work in Indian Institute of Petroleum - Proteins Project situated in Gujarat Refinery Premises.

I express my deep sense of gratitude to Dr. Y.K. Agrawal Prof. and Head of Pharmacy Department, Faculty of Technology and Engineering, M.S. University for accepting to be my guide to help me to complete my thesis work.

I acknowledge my indebtedness and thanks to Prof. R.C. Desai Dean, Faculty of Technology and Engineering, M.S. University as well as Head of the Applied Chemistry Department, Faculty of Technology and Engineering for providing me the necessary facilities.

After lapse of nearly 25 years to pursue research work with an aim of improving qualification, needs right atmosphere and proper encouragement. This no doubt was provided by Prof. R.A. Vora, Head Applied Chemistry Department and all his staff members; Prof. N. Subrahmanyam of Chemical Engineering Department, Faculty of Technology and Engineering, Prof. K.K. Rao, Head of Microbiology Department, of Faculty

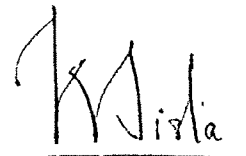
of Science, M.S. University. I sincerely thank all of them for their encouragement and keen interest in my work.

I am grateful to Dr.R. Krishna, Director Indian Institute of Petroleum, Dehradun for having permitted me to work in IIP - Proteins Project, Gujarat Refinery, Baroda and to use some of the data collected in the bench and pilot scale fermentation units and the results of Acceptability tests and Field Trial experiments. I take this opportunity to acknowledge the encouragement and help rendered by my friend and colleague late Shri.G.C. Srivastava and by Dr.I.B.Gulati ex-Director, Indian Institute of Petroleum.

My sincere thanks are also due to my colleagues S/Shri. V.S.Saini, D.K.Adhikari, P.S.Patel, R.Ranga Rao, Von Johnson, K.B.Rajan and Dr.T.V.John for their respective roles played in bringing out the thesis in this presentable form.

I am also grateful to the Management of Gujarat Refinery for providing utilities, the required oil samples free of cost and for all other facilities.

And above all to my wife, Girija for having helped me to disprove the well known Sanskrit saying विवाह विद्या नाशनः (Marriage disrupts learning) and but for whom this work could have been completed in half the time.


K. S. Jindal