ACKNOWLEDGMENT

I express my sincere gratitude and indebtedness to my guides Dr. S. K. Bhattacharjee, M. Sc., Ph. D., Professor and Head, Department of Chemistry, Gauhati University and Dr. S. K. Datta, M.Sc., Ph.D., Deputy Director, Chemistry (Drugs and Narcotics) Division, Forensic Science Laboratory, Assam, for initiating me into this piece of work without whose invaluable guidance and unflagging encouragement this work would not have been completed. Both of them have put considerable experience and wisdom at my disposal throughout the period of the work. Their intellectual vigour and generously given support have been invaluable.

I am grateful to Dr. K. Goswami, M. Sc., Ph.D., Director, Forensic Science Laboratory, Assam, Guwahati for allowing me to undertake the research work in the laboratory and to utilize laboratory facilities including instrumental and computer facilities.

I owe a very great deal to Dr. R. P. Gohain, M.Sc., Ph.D., Deputy Director, Toxicology Division, Forensic Science Laboratory, Assam, for his continued interest, help and valuable suggestions during the entire of my work. I must thank my friend and colleagues Mr. K. C. Sarmah, M.Sc., Mr. A. Buragohain, M.Sc., and Mr. D. Kalita, M. Sc., for offering me their valuable suggestions and assistance. I am grateful to
Mr. Manojeeet Chakravorty, M. Sc., for his valued cooperation and assistance I shall be failing in my duty if I don't record my gratitude to all my colleagues and senior officers in the Forensic Science Laboratory, Assam, Guwahati who have always been kind enough in extending their assistance.

I owe a great deal to my parents, my wife and daughter, without their strong support and encouragement this work would not have been possible. They have stood by me at every stage of progress in my research work.

Date: 26.8.97
Guwahati:

Dhruba Jyoti Hazarika.
Junior Scientific Officer
Chemistry (Drugs and Narcotic) Division
Forensic Science Laboratory Assam
Kahilipara, Guwahati-781019.