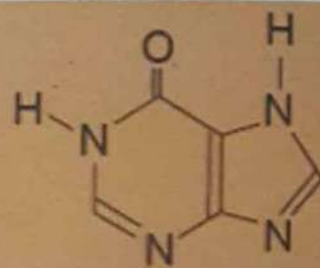
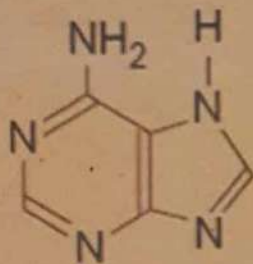
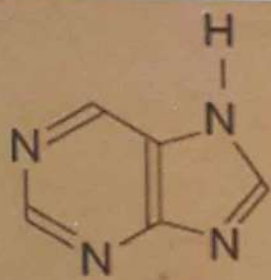


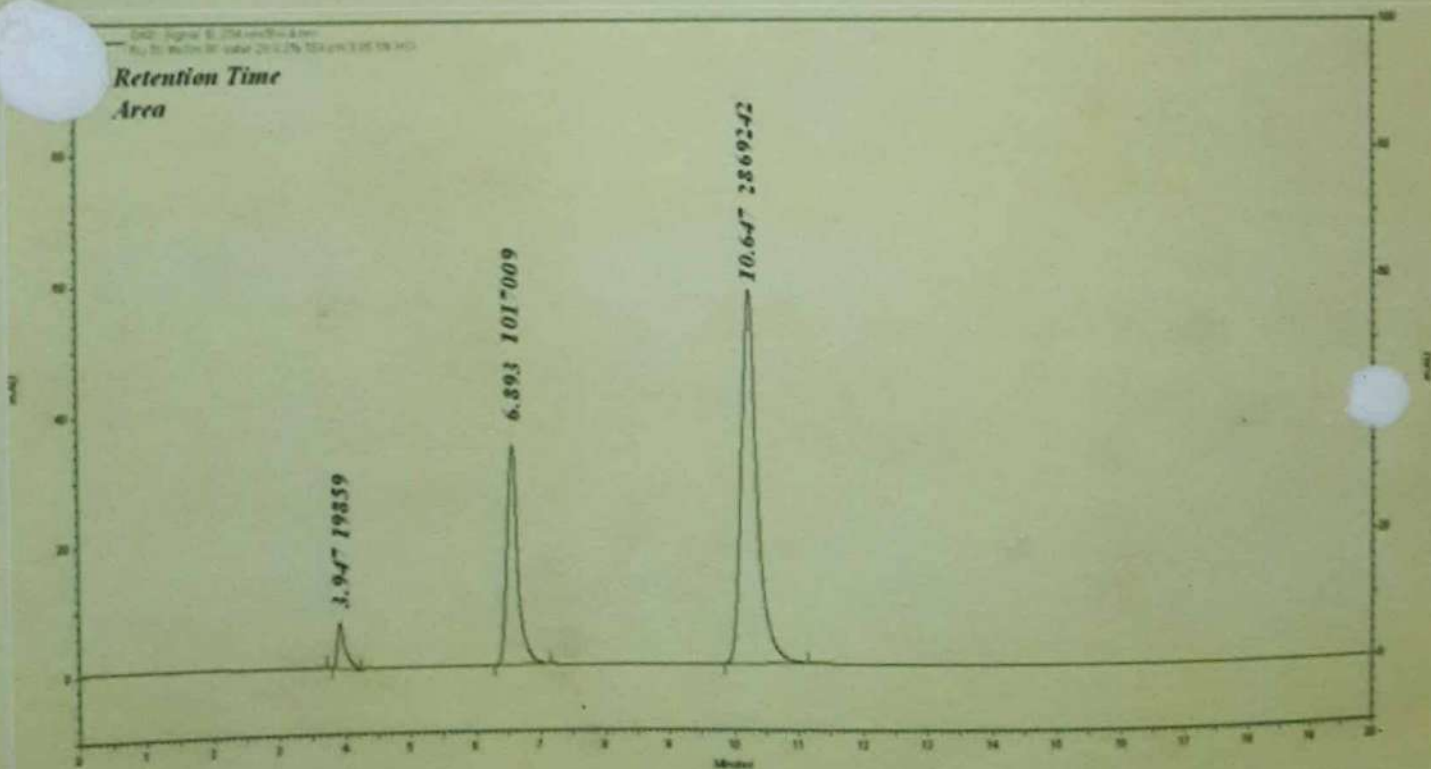
TEXT BOOK OF PHARMACEUTICAL ANALYSIS

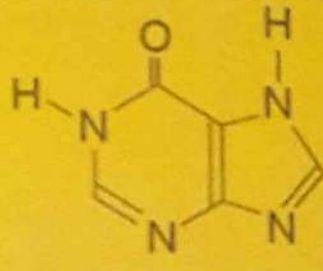
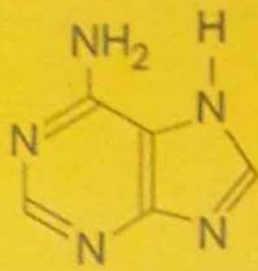
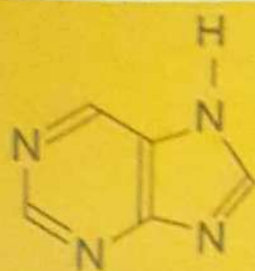
(Theoretical aspects)

Volume 1



Retention Time
Area





Dr. Ramalingam Peraman, M.Pharm., Ph.D

Dr. Ramalingam Peraman, has been awarded Bachelor and Master Degree in Pharmacy by the Tamil Nadu Dr. MGR Medical university, Chennai and the Doctoral Degree (Ph.D) by Andhra University, Andhra Pradesh. He has been involved in teaching and research in the field of Medicinal chemistry and regulatory pharmaceutical analysis and has published more than 80 publications in indexed journals and presented several papers across the globe. He is involved in few research funded projects and Pharmaceutical industry collaborated projects and he is a ratified faculty and recognized supervisor of JNT University Anantapur (JNTUA) and employed as Head, Centre for Pharmaceutical Research (CPR Unit), Raghavendra Institute of Pharmaceutical Education and Research (RIPER), Anantapur, AP.

Dr. Y. Padmanabha Reddy, M.Pharm., Ph.D, FIP.,

Dr. Padmanabha Reddy has been graduated from Andhra University, Andhra Pradesh. He has more than 27 years of experience in teaching and research as Professor in the area of food and pharmaceutical analysis. He was awarded many meritorious awards at his credit and an active member of IPA, APTI, member BOS JNTUA. He is the president of ISPOR-AP chapter and has visited many countries as scientific speaker and as delegate. He has published more than 100 papers in renowned journals and currently, he is actively involved in few research funded projects and Pharmaceutical industry collaborated projects. He is a ratified faculty and recognized supervisor of JNT University Anantapur (JNTUA) and presently employed as Principal and Director of Raghavendra Institute of Pharmaceutical Education and Research (RIPER), Anantapur, AP.



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Preface

We have aimed to author this book at level of undergraduate and post graduate audiences of pharmaceutical sciences related disciplines. The book gives an introduction and fundamentals to all pharmaceutical techniques used in quality control and analysis of pharmaceuticals.

Sophistications and advances have been made in many analytical techniques in the pharmaceutical industry over the past 15 years, but still quality control based on basic analytical technique is very important to understand the recent and modern sophisticated techniques. Most of the existing books are theory and instrumentation based and thus books are so comprehensive.

In this book we have focused on most important concept and fundamentals, which could serve as best resources for better understanding of concept in applications and for understanding recent and future advancement in the area of analytical techniques. We have incorporated the simple figures and concept gathered from various resources and interpreted for readers convenience.

We have presented this book as three major sections such as theoretical, experimental and competitive aspects. In theoretical aspects, sections for the fundamentals of analytical chemistry were first emphasized to understand the principle of various techniques like spectroscopy, chromatography, electrochemical methods etc. and their interpretations and applications. In the experimental sections, Experimental procedure and practical oriented hints were described, for laboratory experiments.

In the end of this book, to support students for the preparation to competitive examinations, chapter wise multiple choice questions were compiled. In our efforts in making this book, we have tried our level best to reduce the complexity in understanding the principle and application throughout the chapter. In order to orient the book with pharmaceutical applications, drug oriented examples were taken in experimental section. We would like to thank all our colleagues and entire students who have made us to satisfy our academic contribution, and all professional friends for the provided motivation to enable us to bring out this book. We should also thank our respective family members for their support.

Dr. P. Ramalingam., Ph.D
Reddy, Ph.D

Dr. Y. Padmanabha

Reddy Ph.D