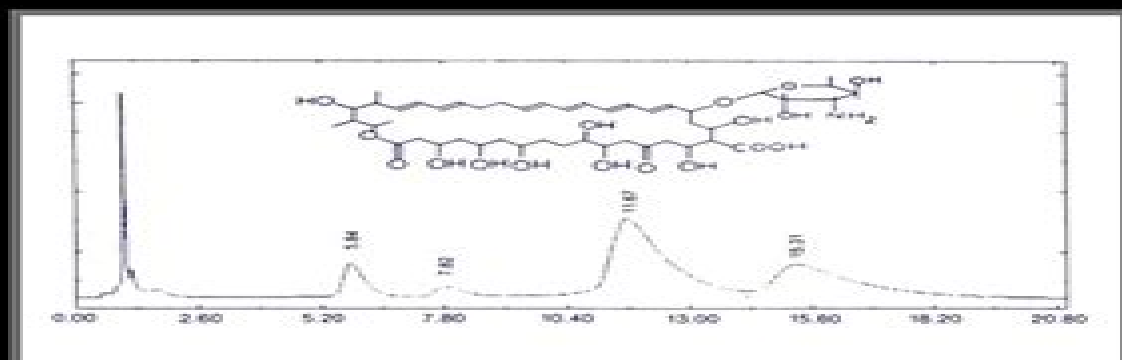


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VOLUME 74

Chromatographic Analysis of Pharmaceuticals

Second Edition, Revised and Expanded



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Introduction to Analytical Gas Chromatography, Second Edition, Revised and Expanded Raymond P.W. Scott, 1997-11-24 Covering the principles of chromatographic separation the chromatographic process from a physical chemical perspective instrumentation for performing analyses and operational procedures this second edition offers information needed for the successful practice of gas chromatography It contains examples of available apparatus detectors columns stationary phases and operating conditions

Analysis of Drug Impurities Richard J. Smith, Michael L. Webb, 2008-04-15 A key component of the overall quality of a pharmaceutical is control of impurities as their presence even in small amounts may affect drug safety and efficacy The identification and quantification of impurities to acceptable standards presents a significant challenge to the analytical chemist Analytical science is developing rapidly and provides increasing opportunity to identify the structure and therefore the origin and safety implications of these impurities and the challenges of their measurement drives the development of modern quantitative methods Written for both practicing and student analytical chemists *Analysis of Drug Impurities* provides a detailed overview of the challenges and the techniques available to permit accurate identification and quantification of drug impurities

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High-Performance Thin-Layer Chromatography (HPTLC) ManMohan Srivastava, 2010-11-15 The present edited book is the presentation of 18 in depth national and international contributions from eminent professors scientists and instrumental chemists from educational institutes research organizations and industries providing their views on their experience handling observation and research outputs on HPTLC

a multi dimensional instrumentation The book describes the recent advancements made on TLC which have revolutionized and transformed it into a modern instrumental technique HPTLC The book addresses different chapters on HPTLC fundamentals principle theory understanding instrumentation implementation optimization validation automation and qualitative and quantitative analysis applications phytochemical analysis biomedical analysis herbal drug quantification analytical analysis finger print analysis and potential for hyphenation HPTLC future to combinatorial approach HPTLC MS HPTLC FTIR and HPTLC Scanning Diode Laser The chapters in the book have been designed in such away that the reader follows each step of the HPTLC in logical order **Ullmann's Food and Feed, 3 Volume Set** Wiley-VCH,2016-12-15 A compilation of 58 carefully selected topical articles from the Ullmann s Encyclopedia of Industrial Chemistry this three volume handbook provides a wealth of information on economically important basic foodstuffs raw materials additives and processed foods including a section on animal feed It brings together the chemical and physical characteristics production processes and production figures main uses toxicology and safety information in one single resource More than 40 % of the content has been added or updated since publication of the 7th edition of the Encyclopedia in 2011 and is available here in print for the first time The result is a best of Ullmann s bringing the vast knowledge to the desks of professionals in the food and feed industries

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