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Plant Drug Analysis: A Thin Layer Chromatography Atlas

Plant Drug Analysis
A Thin Layer Chromatography Atlas

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Photographs by V. Rickl

Second Edition

Springer
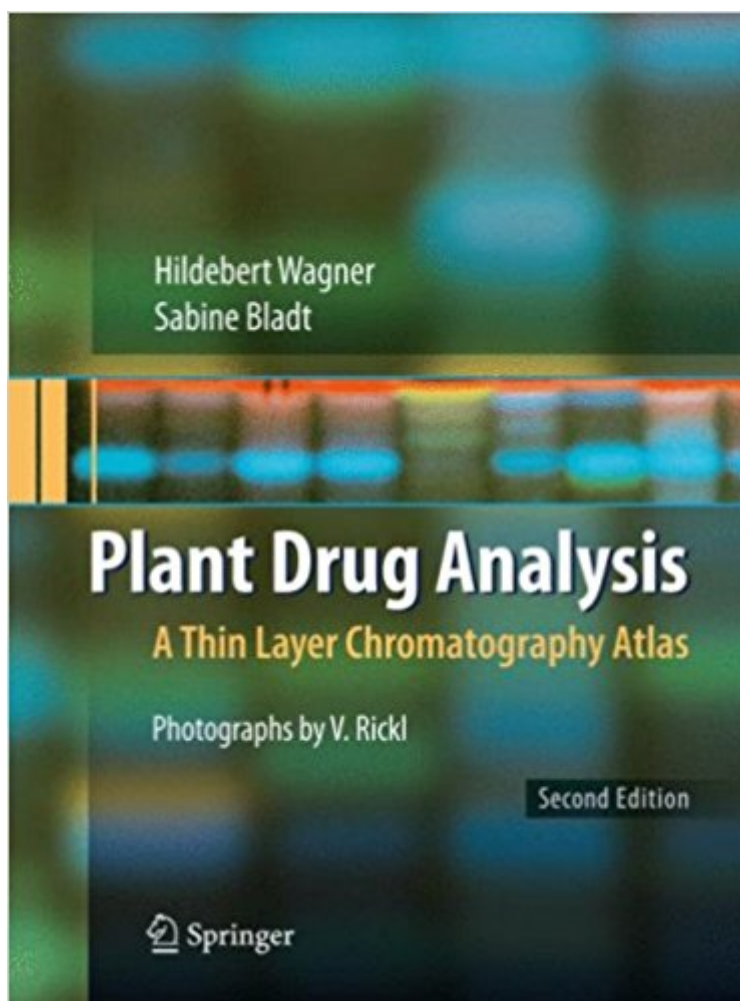
Synopsis

This second edition of Plant Drug Analysis includes more than 200 updated color photographs of superb quality demonstrating chromatograms of all relevant standard drugs. All drugs presented meet the standard of the official pharmacopoeia and originate from well-defined botanical sources. With this guide the technique of thin layer chromatography can be easily used without previous pharmacognostic training. Only commercially available equipment and reagents are needed, the sources as well as all practical details are given. From the reviews "...should not be missed in any laboratory dealing with crude drug analysis" trends in analytical chemistry "...a unique and remarkable collection...an invaluable guide" Phytochemistry "The color photographs...are unbelievably well done" Analytical Biochemistry "...a required text for any laboratory concerned with the analysis of medicinal plant products" Irish Pharmacy Journal

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"...should not be missed in any laboratory dealing with crude drug analysis" trends in analytical chemistry;"...a unique and remarkable collection...an invaluable guide" Phytochemistry; "The color photographs...are unbelievably well done" Analytical Biochemistry; "...a required text for any laboratory concerned with the analysis of medicinal plant products" Irish Pharmacy Journal

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This is a very difficult books to use. I was expecting to be able to use it as a reference on

methodology. However it is too advanced for my needs.

A very well done book. Easy access to the informations and outstanding photos.A reference on TLC of medicinal plants.

About this atlasThis second edition of Plant Drug Analysis includes more than 200 updated color photographs of superb quality demonstrating chromatograms of all relevant standard drugs. The atlas will be a useful reference for analyzing plant drugs, identifying unknown drugs or monitoring the purity or constituents of a given drug. All drugs presented meet the standard of the official pharmacopoeia and originate from well-defined botanical sources. With this guide the technique of thin layer chromatography can be easily used without previous pharmacognostic training. Only commercially available equipment and reagents are needed, the sources as well as all practical details are given.Written for:Researchers, Analytical Pharmacists, Pharmaceutical CompaniesKeywords: Alkaloide Alkaloids Balsams Coumarin Drogenanalyse Drug Ginkgo bilboba Ginkgo biloba Glycoside drugs Pflanzeninhaltsstoffe Terpene Terpenes

I used to have a copy of the book until I lended to someone. It was an excelent refference for quality control of medicinal plants an for preparing monographs. The presentation of the coloured T.L.C. traces is impressing, the information can be trusted and it is clearly and concisely presented.

I found this book very useful for the professionals involved in the extraction of raw materials from natural sources. Since you have the opportunity to browse the index, you can check first if the book contains information about the specific compound or subject that you are looking for. The book is very well illustrated.

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