

Paper Chromatography

Paper Chromatography and Electrophoresis, Volume I: Electrophoresis in Stabilizing Media covers the general features of electrophoresis in stabilizing media. The book includes a consideration of the factors which determine the rate of movement of the compounds in an electrical field, the factors which must be controlled in order to obtain successful results, as well as the general arrangement and types of equipment used. The text also provides a description of methods for the separation of specific classes of compounds (amines, amino acids, peptides, proteins, nucleic acids, derivatives, and related compounds, carbohydrates, and organic acids and derivatives) normally encountered by chemists. Inorganic chemists, organic chemists, clinical chemists, and biochemists will find the book invaluable.

A Way to Do it

Paper Chromatography: a Useful Tool in the High School Science Laboratory

Paper Chromatography for Determining Palatability Differences in Various Strains of Big Sagebrush

Paper Chromatography: A Laboratory Manual focuses on methods, technologies, and processes, and aims to provide readers with a readily accessible source for the uses and adaptations of paper chromatography. The book first offers information on general methods, including descending, ascending, and ascending-descending chromatography, filter paper "chromatopile", "reversed phase" paper chromatography, and paper electrophoresis. The text then elaborates on quantitative methods and amino acids, amines, and proteins. Discussions focus on visual comparison, elution, area of spot, total color of spot, maximum color density, identification of amines, separation of proteins, and general directions. The publication examines carbohydrates and aliphatic acids and steroids. Topics include simple sugars, miscellaneous derived sugars, and aliphatic acids. The text also ponders on purines, pyrimidines, and related substances and phenols, aromatic acids, and porphyrins. The text is a valuable reference for readers interested in paper chromatography.

Paper chromatography and electrophoresis. vol. 2 Paper chromatography

Paper Chromatography and Electrophoresis: Paper chromatography by J. Sherman and G. Zweig

Paper Chromatography for Determining Palatability Differences in Various Strains of Big Sagebrush (Classic Reprint)

A Study of Two Dimensional Paper Chromatography of Proteins

Chromatographic & Electrophoretic Techniques, Fourth Edition, Volume I: Paper and Thin Layer

Chromatography presents the methods of paper and thin layer chromatography. This book discusses the practical approach in the application of paper and thin layer chromatography techniques in the biological sciences. Organized into 18 chapters, this edition begins with an overview of the clinical aspects related to the detection of those metabolic diseases that can result in serious illness presenting in infancy and early childhood. This text then discusses the three major types of screening for inherited metabolic disorders in which paper or thin-layer chromatography are being used, including screening the healthy newborn population, screening the sick hospitalized child, and screening mentally retarded patients. Other chapters consider the procedures for thin layer chromatography. This book discusses as well the complexity of amino acid mixtures present in natural products. The final chapter deals with the detection of synthetic basic drugs. This book is a valuable resource for chemists and toxicologists.

Paper Chromatography and Electrophoresis: Electrophoresis in stabilizing media, by J. R. Whitaker

Electrophoresis in Stabilizing Media

Paper Chromatography

Paper Chromatography and Flow Characteristics

Paper chromatography. Theory of paper chromatography. General methods. Amino, Amines, and proteins. Carbohydrates. Aliphatic acids. Steroids, bile acids, and cardiac glycosides. Purines, pyrimidines and related substances. Naturally occurring pigments. Inorganic separations. Paper electrophoresis. General theory. Methods. Continuous electrophoresis. Dyeing reagents for thin layer and paper chromatography

A Selective Bibliography, 1944-1953

A Laboratory Manual

Relations Between Paper Chromatographic Behaviour and Chemical Structure, Attempts at Systematic Analysis : a Symposium Organized by the Chromatography Group of the Czechoslovak Chemical Society, at Liblice, on 23rd June, 1961

Excerpt from Paper Chromatography for Determining Palatability Differences in Various Strains of Big Sagebrush As might be expected when dealing with a large and complex species such as big sagebrush, considerable chromatographic variation was found. Presently, the plant collections have been divided into two major groups, I and II. Group I has 4 subgroups (ia, Ib, 1c, and Id). Group II has 2 subgroups (iia and iib). These groups are based on differences in the chromatographic spots. Chromatograms of each collection always display a basic compliment of ten Spots (1, 2, 3, 4, 7, 8, 9, 11, 13, 27) plus varying combinations from an additional eleven spots (5, 6, 10, 12, 14, 16, 22, 25, 26, 33, 36) (table 1 and figs. 1 Some of these spots exhibit marked differences in size and intensity of color; therefore, the Chromatograms were organized into groups taking into consideration both qualitative and quantitative variations. About the Publisher Forgotten Books publishes hundreds of thousands of rare and classic books. Find more at www.forgottenbooks.com This book is a reproduction of an important historical work. Forgotten Books uses state-of-the-art technology to digitally reconstruct the work, preserving the original format whilst repairing imperfections present in the aged copy. In rare cases, an imperfection in the original, such as a blemish or missing page, may be replicated in our edition. We do, however, repair the vast majority of imperfections successfully; any imperfections that remain are intentionally left to preserve the state of such historical works.

Chromatography and Separation Science

Paper and Thin Layer Chromatography

The Use of Beta-ray Densitometry in Paper Chromatography

Paper Chromatography of Bile Acids

The basic objectives of this book are to: provide basic information on chromatography and separation science; show

how simple extraction and partition processes provide the basis for development of chromatography and separation science; describe the role of chromatography and separation science in various fields; discuss the role of chromatography and separation science in development of new methodology; and present new evolving methods and how to select an optimum method. · The book covers the fundamental physical and chemical phenomena involved in separations · Provides a concise overview of the basics of transport phenomena and thermodynamics · Shows the importance of chromatography within separation science

Paper Chromatography and Electrophoresis

A Survey of the Utilization of Paper Chromatography in the High Schools of Southern New Jersey

Paper Chromatography and the Separation of Anions

Detection of Tritiated Compounds in Paper Chromatography

General technique. Scope. Preparative paper chromatography, chromatography on cellulose columns. Amino-acids. Sugars. Purine, nucleosides, nucleotides, nucleic acids, pterines, flavins. Phenols. Organic acids. Sterols, steroids, etc. Chromatography on pre-treated paper, reversed-phase chromatography.

Ascending Paper Chromatography

Paper chromatography by John R. Whitaker and Gunter Zweig

Some General Problems of Paper Chromatography

Infrared Identification in Paper Chromatography

Paper Chromatography and Electrophoresis, Volume II presents methods, techniques and complete experimental procedures in paper chromatography. The book provides information and applications of paper chromatography such as the theory, mechanism, and fundamentals of the process; the separation of amino acids, carbohydrates, lipophilic steroids, and related compounds; and the separation and estimation of inorganic ions by paper chromatography. Chemists and laboratory researchers and technicians will find the book a valuable reference material.

A Comprehensive Treatise

Paper Chromatography of Some Metal 8-hydroxyquinolates ...

Bibliography of Paper and Thin-layer Chromatography and Survey of Applications

Experiments with Paper Chromatography of the Animal Phospholipids

Paper Chromatography Elsevier

The Use of Radioiodine and Paper Chromatography Technique in the Study of Thyroid Metabolism

Paper Chromatography of Some Common Metallic Elements ...

Paper Chromatography of Steroids

Chromatographic Methods of Inorganic Analysis

A Manual of Paper Chromatography and Paper Electrophoresis provides a comprehensive discussion of the techniques of paper chromatography and paper electrophoresis. The book is organized into two parts. Part I on paper chromatography provides a readily accessible source for some of the many uses and adaptations of paper chromatography. An effort has been made to write a practical manual in which tried and proved procedures, employing relatively simple equipment and available reagents, are summarized. Part II on paper electrophoresis discusses basic principles and methodology. The emphasis throughout has been on the separation of protein mixtures, particularly blood serum. This reflects the fact that it is in this particular application that paper electrophoresis has thus far not been challenged by paper chromatography, whereas many of the smaller molecules can be resolved equally well or better by the thus far more widely employed chromatographic procedures.

With Special Reference to Paper Chromatography

Paper Chromatography for Volatile Acid Determinations

A Manual of Paper Chromatography and Paper Electrophoresis

The Paper Chromatography of Phosphate Species