
Publications

Book reviews

International Regulatory Aspects for Pesticide Chemicals, Vol. 1. Toxicity Profiles, G. Vettorazzi, CRC Press, Inc., Boca Raton, FL 1979, 216 p., \$59.95.

The book is composed of toxicity profiles for 98 pesticide chemicals supported by citation of 1,249 references. Most of the literature citations are from the WHO/FAO series of monographs and information concerning these compounds. A listing of "acceptable daily intake" and a summary of the toxicological data on which the "acceptable daily intakes" are based is provided. This data is supported by 300 references. Finally, the author has included a guide to published monographs published by WHO/FAO and the International Agency for Research on Cancer (IARC). Much of the information present in this volume is difficult to find elsewhere. Scientists with an interest in pesticide chemicals now have available a valuable source of basic data and literature citations to assist them in their work.

Volume 2 will be available in Fall 1980.

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Laboratory Handbook of Chromatographic and Allied Methods, Edited by O. Mikes, Halsted Press, John Wiley & Sons, 1979, 764 p., \$89.50.

This book contains comprehensive reviews by experienced European scientists of each major type of chromatographic method. Chapters 1 and 2 describe each type of chromatography and give a detailed mathematical treatment of the various theories involved. Paper chromatography, theory, working principles and applications are treated in detail. Extensive literature citation through 1973 is given. Adsorption column chromatography, including high performance liquid chromatography (HPLC), is covered next. HPLC is covered in a less extensive fashion; however, many detailed monographs covering this area are now available. Chapter 5 deals with ion exchange chromatography in great detail. This chapter is well written and explains in detail the many intricacies of this type of chromatography. However, as noted, the newest reference is one citation dated 1976. Gel and affinity chromatography are covered in adequate detail, as are automation of column operation, thin layer chromatography, gas chromatography, counter-current distribution and electromigration methods. The last chapter is a listing of the monographic literature published on these methods from 1962 to mid 1978. The index appears to be quite comprehensive and complete for a book of this scope. A major criticism of the chapters is that the literature cited is generally earlier than 1976. Much of the newer application literature has been published in later, more specialized books. Still, this book is a useful, comprehensive survey of these methods and is a valuable

laboratory guide for persons wishing to use the method described.

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New publications

Official Method of Analysis of the AOAC, Thirteenth Edition, has been published by the Association of Official Analytical Chemists. The 1038-page book includes 175 new methods since the 1974 12th edition and describes analyses for foods, drugs, cosmetics, plants, feeds, fertilizers, hazardous substances, air, water and other substances. Cost is \$78 for the complete volume and is available from AOAC, 1111 N. 19th St., Arlington, VA 22209.

Proceedings, International Association of Seed Crushers Amsterdam Conference, June 6-8, 1979, (IASC, Salisbury Square House, 8 Salisbury Square, London EC4P 4AN England, 128 p., 1979, £ 12). Copies of past proceedings for 1972, 1973, 1974, 1975 and 1978 available for £8 each.

Scandinavian proceedings published

Copies of the proceedings of the 9th Scandinavian Symposium on Lipids, held during June 1977, are available from the Lipidforum secretariat, c/o SIK, Pack, S-400 23, Goteborg, Sweden. Cost is 100 Swedish krona, including surface mail delivery. Also available are the reports on subsymposia reprinted from Lipidforum.

Lipids MARCH 1980

Thiobarbituric Acid Test for Lipid Hydroperoxides

Effect of Methyl 2-Hexadecynoate on Fatty Acid Metabolism

Effect of Dietary DEHP on Hen Lipid Metabolism

Vitamin A in Hypertriglyceridemia

Free Radical Oxidation of Lecithins

Communications

Rat Liver 5-Pyrophosphomevalonate Decarboxylase

30:3Δ5,9,23 in a Marine Sponge