
Publications

Book reviews

Biological/Biomedical Application of Liquid Chromatography II, Chromatographic Science Series Vol. 12, edited by G.L. Hawk (Marcel Dekker, Inc., 270 Madison Ave., New York, NY, 1979, 504 pp., \$45).

This appears to be a series within a series since Volume 10 had the same title and editor. Selected papers are included from a symposium on Biological/Biomedical Applications of LC held in Boston in October 1978. The 24 chapters include several with topics of interest to lipid chemists; bile acids, fatty acids, urinary estrogens and prostaglandins. The fat-soluble vitamins and steroids bound to plasma proteins are considered separately as are clinical laboratory analyses of steroids. Much constructive general information may also be found in the other chapters. This includes discussions of pre-and post-column derivatizations, paired ion reagents and the electrochemical detector. The work on the long chain acids as might be expected employs mycobacteria as the source. Most separations were performed on octadecylsilane reverse phase columns, but various applications of the nitrile, amino and diol columns also are included. Although prepared from camera ready copy the text is clear and crisp and the figures are excellent. A brief subject index is included.

One point should be clearly understood by the prospective purchaser. The papers are selected from a commercially sponsored symposium. This does not detract from the excellent quality of the information presented but may limit its applicability in laboratories using second generation, high efficiency HPLC columns.

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Market Development of Palm Oil Products, edited by K.G. Berger (The International Trade Centre UNCTAD/GATT, Geneva, 1978, 184 pp., \$15).

This book is the proceedings of a seminar organized by The International Trade Centre UNCTAD/GATT to update and complement a project study financed by the United Nations Development Programme, the report of which was published in May 1976 entitled "*Market Development of Palm Oil Production in Selected Markets.*"

This seminar held in Kuala Lumpur, Malaysia during April 1978 and is reported fully in the book. Fourteen

speakers (several of whom contributed to the 1975/76 study) of international renown presented 20 papers.

The papers are grouped under the original specific objectives of the study: (1) marketing; (2) size and potential growth of the markets; (3) chemistry and technical aspects which could identify new markets for palm oil; and (4) promotional strategy for increased sales.

The book presents a detailed report on these topics together with discussions from the participants, some 200 representatives from the palm oil industry of the various producing countries, government officials and interested parties from the United Kingdom and Singapore. The topics were: (a) future supply of palm oil and its impact on the overall edible oil situation; (b) current usage patterns throughout the world and future potential; (c) chemistry of palm oil and quality aspects; (d) supply and transport and its effect on quality; (e) environmental pollution problems; (f) the development in Malaysia of refineries and exports of processed palm oils; (g) research; and (h) promotional marketing.

The book is certainly worth the investment of \$15 as it presents good coverage of the Palm oil industry in S.E. Asia and discusses future trends and markets in the 1980's.

Marshall Pike
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New publications

What's to Eat (and other questions kids ask about food), The U.S. Department of Agriculture Yearbook 1979, 142 pp., \$4.50, S/N 001-000-04041-3; order from Superintendents of Document, U.S. Government Printing Office, Washington, DC 10402. Aimed at 8- to 13-year olds, the volume explains the importance of agriculture, how crops are grown, turned into foods, sold at stores and cooked at home. Includes stories, games, jokes, craft projects, recipes and puzzles. Fats and oils are described as a source of fat-soluble vitamins, as a high energy source and as too plentiful in current American diets.

Process Heat Exchange, edited by *Chemical Engineering* magazine, McGraw-Hill Book Co., 1980, 624 pp., \$34.50.

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Publications

Regional Guide to Food Testing Laboratories and Consultants, edited and published by Institute of Food Technologists, 1980, 56 pp., \$10.

Tropical Products Institute Report, 1976-1978, edited and published by Tropical Products Institute, £2.25 UK and surface mail, £3.05 air mail.

Manual on Consumer Sensory Evaluation (STP 682), edited by E.E. Schaefer, American Society for Testing and Materials, 61 pp., \$7.75 plus shipping.

Standard Infrared Vapor Phase Spectra, Vols. 9 and 10, Sadtler Research Laboratories, Inc., 1980, 500 pp./volume, \$280/volume.

An Infrared Spectroscopy Atlas for the Coatings Industry, edited and published by the Federation of Societies for Coatings Technology, 1980, 900 pp., \$75 members, \$100 nonmembers.

Handbook of Water-Soluble Gums & Resins, edited by Robert L. Davidson, McGraw-Hill Book Co., 1980, 657 pp., \$39.50.

Surface Contamination: Genesis, Detection, and Control, Vols. 1 and 2, edited by K.L. Mittal, Plenum Press, 1979,

1,056 pp., \$39.50 each, or \$65 for two-volume set.

Micellization, Solubilization, and Microemulsions, Vols. 1 and 2, edited by K.L. Mittal, Plenum Press, 1977, 945 pp., \$45 each.

Solution Chemistry of Surfactants, Vols. 1 and 2, edited by K.L. Mittal, Plenum Press, 1979, 949 pp., \$45 each.

Nutritional Improvement of Food and Feed Proteins, Vol. 105 in "Advances in Experimental Medicine and Biology," edited by Mendel Friedman, Plenum Press, 1978, 882 pp., \$69.50.

Hydrocarbons and Halogenated Hydrocarbons in the Aquatic Environment, edited by B.K. Afghan and D. Mackay, Plenum Publishing Corp. 1980, 588 pp., \$59.50.

Nutritional Management of Genetic Disorders, Vol. 8, edited by M. Winick, John Wiley & Sons, 1979, 231 pp., \$24.50.

Hydrophobic Interactions, Arieh Ben-Naim, Plenum Press, 1980, 311 pp., \$32.50.

Spray Drying Handbook, 3rd edition, K. Masters, John Wiley & Sons, 1979, 687 pp., \$79.95. □

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