

not added directly to food but which come into contact with food, such as food processing aids. Also, monographs for a number of substances that are not considered "chemical additives" in the conventional sense have been included, such as masticatory substances.

Specifications set forth in this publication were developed with the cooperation of individual suppliers of food-grade chemicals and with industrial trade organizations.

The Food Chemicals Codex was given official recognition by the U. S. Food and Drug Administration when the "Definitions and Procedural and Interpretative Regulations," relating to the eligibility of substances for classification as generally recognized as safe (GRAS), were revised and published in the *Federal Register* on June 25, 1971.

Supplements to the Codex are issued annually and sent to all holders of the book at no charge.

Staff Review ■

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**WHO Expert Committee on Specifications for Pharmaceutical Preparations, Twenty-fourth Report.** World Health Organization Technical Report Series. World Health Organization, Geneva, Switzerland (available from American Public Health Association, Inc., 1015 18th St., N.W., Washington, DC 20036), 1972. 60 pp. 16 × 24 cm. Price \$1.50.

This report provides a review of the work necessary relative to a general revision of the "International Pharmacopoeia," international reference standards, and new monographs. Three annexes cover 33 new monographs, amendments to manufacturing practices, and a modified method for the determination of morphine in opium, respectively.

Staff Review ■

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**Carbon-Fluorine Compounds: Chemistry, Biochemistry & Biological Activities.** A Ciba Foundation Symposium. Associated Scientific Publishers, 52 Vanderbilt Ave., New York, NY 10017, 1972. 417 pp. 16 × 24 cm.

The proceedings of this symposium, held in September 1971, represent an interdisciplinary approach to carbon-fluorine chemistry. Topics covered in this volume include a review of the reactivity of the carbon-fluorine bond and its physical characteristics, the toxic effects of carbon-fluorine compounds (particularly the

fluoroacetates and fluorocitrates), and the role of fluoro analogs in protein biosynthesis or inhibition.

The synthesis of fluorocarbohydrates and their physicochemical properties are discussed. Of possible particular interest to the pharmaceutical scientist are the discussions of the metabolism, transport, and increasing use of NMR properties of fluoroanalogs for binding studies and structural identification of macromolecules. The involvement of fluoronucleotides in modifying nucleic acid synthesis and its relevance to virus replication are also covered.

Staff Review ■

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## NOTICES

**Cosmetics-Perfumery Thesaurus.** By HILDA FEINBERG. CCM Information Corp., 866 Third Ave., New York, NY 10022, 1972. 106 pp. 14.5 × 22.5 cm. Price \$12.95.

**Bridged Free Radicals.** By LEONARD KAPLAN. Marcel Dekker, 95 Madison Ave., New York, NY 10016, 1972. 481 pp. 14.5 × 23 cm. Price \$24.50.

**Anaesthesia and Pharmaceutics.** Edited by J. SPIERDIJK and S. A. FELDMAN. Williams & Wilkins, Baltimore, MD 21202, 1972. 144 pp. 14 × 22 cm. Price \$20.00.

**Cervical Pain, Proceedings of the International Symposium held in Wenner-Gren Center, Stockholm, January 25-27, 1971.** Edited by CARL HIRSCH and YNGVE ZOTTERMAN, Pergamon Press, Inc., Maxwell House, Fairview Park, Elmsford, NY 10523, 1972. 221 pp. 17 × 25 cm. Price \$21.00.

**Biochemical Regulatory Mechanisms in Eukaryotic Cells.** Edited by E. KUN and S. GRISOLIA. Wiley, 605 Third Ave., New York, NY 10016, 1972. 530 pp. 15 × 23 cm. Price \$24.95.

**The Therapeutic Choice in Pediatrics.** Edited by W. L. BURLAND and B. M. LAURANCE. Williams & Wilkins, Baltimore, MD 21202, 1972. 228 pp. 13.5 × 21.5 cm. Price \$16.00.

**Pharmacological Control of Lipid Metabolism, Advances in Experimental Medicine and Biology—Volume 26.** Edited by W. L. HOLMES, R. PAOLETTI, and D. KRITCHEVSKY. Plenum, 227 West 17th St., New York, NY 10011, 1972. 357 pp. 16 × 25 cm. Price \$22.50.

**Encyclopedia of Industrial Chemical Analysis, Volume 16—Mercury to Penicillins.** Edited by F. D. SNELL and L. S. ETTRE. Wiley, 605 Third Ave., New York, NY 10016, 1972. 583 pp. 17.5 × 25.5 cm. Price \$35.00 subscription; \$45.00 single copy.