

Book Review

Handbook of Detergents, Part B: Environmental Impact. Surfactant Science Series, Volume 121 Edited by Uri Zoller (Haifa University-Oranim, Israel). Marcel Dekker: New York. 2004. xvi + 816 pp. \$175.00. ISBN 0-8247-0353-7.

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Ewing's Analytical Instrumentation Handbook, 3rd Ed. Edited by Jack Cazes (Florida Atlantic University). Marcel Dekker, Inc.: New York. 2005. xxiv + 1038 pp. \$249.95. ISBN 0-8247-5348-8.

This reference provides useful information about specific instrumental techniques used in analytical chemistry, complete with key references to the literature for further inquiry. The following eight new chapters have been added to the third edition: Microfluidic Lab-on-a-Chip; Biosensor Technology; Gel Permeation and Size Exclusion Chromatography; Field-Flow Fractionation; Instrumentation for Countercurrent Chromatography; HPLC-Hyphenated Techniques; Thin Layer Chromatography; and Validation of Chromatographic Methods. The chapter "Laboratory Balances" has been eliminated from this edition. A subject index completes the book.

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Handbook of Detergents, Part C: Analysis. Surfactant Science Series, Volume 123. Edited by Heinrich Waldhoff (Henkel KGaA, Düsseldorf, Germany) and Rüdiger Spilker (Sasol Germany GmbH, Marl, Germany). Editor-in-Chief: Uri Zoller (Haifa University-Oranim, Israel). Marcel Dekker: New York. 2005. xii + 654 pp. \$229.95. ISBN 0-8247-0351-0.

The aim of this reference is, quoting from the preface, "to demonstrate the state of the art of strategies, methods, and techniques applied for the analytical deformation of modern detergents." New techniques to analyze and assess the components of detergents are emphasized as are effective methods to

measure and explore new ingredients. It also covers such topics as testing the performance of detergents, applications of analytical methods, and determining detergent ingredients in the environment. A short summary of future trends and a subject index complete the book.

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Handbook of Detergents, Part B: Environmental Impact. Surfactant Science Series, Volume 121. Edited by Uri Zoller (Haifa University-Oranim, Israel). Marcel Dekker: New York. 2004. xvi + 816 pp. \$175.00. ISBN 0-8247-0353-7.

This reference, written by more than 50 experts from both academia and industry worldwide, covers the environmental impact of detergents, from formulation to production to usage, consumption, and disposal. The 31 chapters are organized under two headings: Part I, The Multidimensionality of Detergent-Related Environmental Impact and Its Assessment, which includes such topics as the history of detergents and the environment, and the environmental impact of packaging detergents, for example, and Part II, Environmental Behavior, Effects, and Impact of Detergent Components, which includes chapters on inorganic detergent builders, the environmental impact of bleaching activators, and the science and politics of the environmental regulatory process, to name a few. Each chapter is extensively referenced, and a subject index completes the book.

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