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Carel J. van Oss

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BOOK REVIEW

AFFINITY CHROMATOGRAPHY

J. Turková

Elsevier, Amsterdam, New York, 1978;
hardbound, 405 pages, \$ 69.75.

This excellent monograph appears as volume 12 of Elsevier's Journal of Chromatography Library. Its twelve chapters treat: 1, Introduction; 2, The principle, history and use of affinity chromatography; 3, Theory of affinity chromatography; 4, Application of affinity chromatography to the quantitative evaluation of specific complexes; 5, General considerations on affinant-sorbent bonding; 6, Choice of affinity ligands for attachment; 7, Hydrophobic chromatography; 8, Solid matrix supports and the most used methods of binding; 9, Characterization of supports and immobilized affinity ligands; 10, General consideration on sorption, elution and non-specific binding; 11, Examples of the use of affinity chromatography; 12, Immobilized enzymes. Chapter 11 comprises a 75-page table of examples of biologically active products that have been isolated by affinity chromatography. The book ends with a subject index, and a virtually non-overlapping list of compounds chromatographed. Each chapter has its own, alphabetical, list of references (chapter 11 has more than 1200 references).

The author and the publisher are to be congratulated for having brought forth an extremely useful and eminently useable and up-to-date handbook on one of the fastest growing subjects in the field.

The work is highly recommended to all users and potential users of affinity chromatography: biological chemists, separation scientists, molecular biologists, cellular biologists, immunologists, etc., who can afford the price which, for American standards, is on the high side.

Carel J. van Oss