

Die Methode überprüften wir bei der Papierchromatographie der Hydrazide der aliphatischen Säuren, sowie der Cyanessigsäure und der Isonicotinsäure. Hydrazin gibt keine positive Reaktion, dagegen reagiert Semikarbazid positiv.

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¹ K. SATAKE UND T. SEKI, *Kagaku no Ryōhiki*, 4 (1950) 557; *C.A.*, 45 (1951) 4604.

² R. L. HINMAN, *Anal. Chim. Acta*, 15 (1956) 125.

³ O. DIMROTH UND G. DE MONTMOLLIN, *Ber.*, 43 (1910) 2904.

⁴ P. HEINRICH UND W. SCHELER, *Helv. Chim. Acta*, 30 (1947) 886.

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BOOK REVIEWS

Treatise on Analytical Chemistry, edited by I. M. KOLTHOFF AND P. J. ELVING with the assistance of E. B. SANDELL, Interscience Publishers Inc., New York, Part I, *Theory and Practice*, Vol. 3, pages 1309-1750, 1961, price \$ 16.75.

This volume is part of a series of which the first has already been reviewed and unreservedly praised in this journal. Its uniformly high standard had raised hopes that Vol. 3, on chromatographic methods, would provide a classic reference work for many years to come. This unfortunately cannot be said to be entirely the case.

It contains two excellent chapters, one on solvent extraction and one on ion exchange (by H. IRVING AND R. J. P. WILLIAMS and by W. RIEMAN AND A. C. BREYER respectively), which are quite up to the standard set by the previous volume. However, this does not hold true for the chapters dealing with chromatography, which appear to the reviewer to be sadly lacking in data and final polish, too much basic information, essential in a handbook, having been omitted. More exhaustive proof-reading could also have avoided many errors in the reference lists and such slips as the mention that "isotopes of radium" can be separated by paper chromatography, the paper cited referring to a separation of RaD, RaE and RaF.

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The Chromatography of Steroids, by I. E. BUSH, Pergamon Press, Oxford, 1961, 437 pages, price 60 s.

The scope of this treatise goes far beyond its title. Not only is the chromatography of steroids discussed from various angles, but also the first concise presentation of the theory and applications of R_M and ΔR_M values is given. It can sometimes be considered of only incidental importance that steroids are employed as examples for structural

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