

*Praktikum der Papierchromatographie, Anleitungen zu Übungen in der papierchromatographischen Untersuchung pflanzlicher Inhaltsstoffe*, by H. F. LINSKENS AND LUISE STANCE, Springer-Verlag, Berlin, 1961, 51 pages, 27 figures, price, with spiral binding, D.M. 9.80.

The authors of this book describe twelve exercises which are already being employed by them in a course of practical work in botany. After two preliminary exercises including the observation of a separation of dyestuffs, the effect of temperature and of the shape of the paper, the chromatography of amino acids, sugars, nucleic acids and their constituents, auxins, depsides, leaf pigments, anthocyanins and anthoxanthins, antibiotics and alkaloids is dealt with in such a way that each exercise introduces not only new substances but also new chromatographic and quantitative techniques. The final exercise consists in work with  $^{14}\text{C}$  and its detection by radioautography and counting techniques.

In all the exercises suggestions for tabulation of the results as well as a number of questions are given to the students. The whole is carefully thought out and excellently planned. With minor modifications it may be used in practical biochemistry as well as in botany. The only drawback for some institutes may be that much of the work requires considerable equipment and material.

*J. Chromatog.*, 6 (1961) 280

### Announcement

#### UNSATURATED FATTY ACIDS TO BE DISTRIBUTED BY NATIONAL INSTITUTES OF HEALTH LIPID PROGRAM

A cooperative program sponsored by the Division of Research Grants and the National Heart Institute, National Institutes of Health, will soon distribute ampoules containing 100 mg of each of 8 unsaturated fatty acid methyl esters. Available in 99% purity will be esters of docosa-13-enoate (erucate), eicosa-11-enoate, octa-12-enoate, and octa-11-enoate; samples of 95% or greater purity will include eicosa-5,8,11,14,17-pentaenoate, docosa-4,7,10,13,16,19-hexaenoate, tetracos-15-enoate (nervonate), and octadeca-6-enoate (petroselenate).

Qualified investigators desiring sets of these samples should describe briefly the research program for which they are to be used. The Committee advising this activity will attempt to fill all deserving requests, although aiming also to assure broad distribution to areas where they may be needed. Letters should be addressed in duplicate to Dr. WILLIAM H. GOLDWATER, Division of Research Grants, National Institutes of Health, Bethesda 14, Md., U.S.A.

*J. Chromatog.*, 6 (1961) 280