

and qualitative and quantitative, gravimetric and volumetric methods are given.

The chapter on acetone comprises 18 pages giving 8 quantitative and 7 qualitative methods.

Almost 100 pages are devoted to the Carbohydrates which are cleverly divided into Pentose, Glucose, Levulose, Saccharose, Lactose, Maltose, Dextrins and Glycogen.

Each chapter gives the history and origin of the substance in the urine, the causes, properties and effects. Tests and other matters of minor importance are in smaller type and the important facts and cautions are in heavy type. In each case the author frankly states his own opinion or that of other authorities as to the value of the test and at the end of the chapter he recommends the one most reliable.

The numerous illustrations and the colored tables, works of art, help to elucidate the text and can be highly appreciated, especially by the student.

The book abounds in bibliographic references and footnotes, as many as 18 on one page, and is therefore extremely valuable to the research worker.

The author has most certainly achieved a real success, as he has collected in one volume a great amount of material hitherto inaccessible except in the extensive literature on the chemistry and microscopy of urine.

Analytisches Diagnostikum. Die chemischen, mikroskopischen und bakteriologischen Untersuchungs-methoden von Harn, Auswurf, Magensaft, Blut, Kot, etc. Von Dr. Ernst Kraft, Besitzer des bakteriologisch-chemischen Laboratoriums in Bad Kissingen. 3. Auflage mit 147 Abbildungen im Text und 5 farbigen Tafeln. Octavo 480 pp. Gold Mark 14.

"From the practice for the practice" is the motto of this book written by a German apothecary who conducts a clinical laboratory at that fashionable spa Kissingen, made famous by Bismarck. The seven parts of the work treat the analysis of Urine, Secretion of the Sexual Organs, Puncture Liquids, Sputum, Stomach Contents, Feces and Blood.

The chapter on Albumin comprises 25 pages and contains 5 quantitative and 7 qualitative methods. As the most sensitive

one Kraft recommends the "Sulphosalicylic Acid" test, which the referee can fully endorse having used same for over 20 years. At the end of the part on urine analysis, sample copies of reports are given in German, French, English, Italian, Polish and Russian.

The part on Blood is very thorough and comprises 75 pages. It is subdivided in General Properties and Spectroscopy, Chemical, Microscopical, and Bacteriological Analysis and Pathological Blood.

On p. 459 in the Appendix the printer's devil produced *Obermeyer* (same as in U. S. P. IX, p. 630). It was Fr. *Obermayer* who first published his Indican Reaction in *Wiener Klinische Wochenschrift* 1890, p. 176.

The 5 colored plates in the book contain respectively five, five, two, two and twenty-three excellent illustrations, real works of art.

In view of the prominent place which clinical pathology occupies to-day, and rightly so, in the diagnosis and treatment of disease, the book before us is highly important. It is a practical hand and reference book which we can highly recommend to laboratory workers and pharmacists in particular. Let us hope that it will also become better known outside of the "Vaterland."

OTTO RAUBENHEIMER, Ph.M.

PROCEEDINGS OF THE NATIONAL WHOLESALE DRUGGISTS' ASSOCIATION IN CLEVELAND.

The 1923 *Proceedings of the National Wholesale Druggists' Association* containing the complete stenographic report of the convention at Cleveland in October, has been distributed to members. The volume consists of 688 pages and contains in addition to the convention proceedings, portraits of the officers and directors and a complete roster of active and associate members indexed alphabetically and by states and cities.

The N. W. D. A. Year Books, of prior conventions, have been reviewed in these columns a number of times. The general outline of the proceedings is not very different from other years and, as those of other editions, the reports of various committees are valuable documents, not only for the members but for all associated with the drug industries.

DEATH OF MRS. L. E. SAYRE.

Just before completion of this issue of the *JOURNAL* word was received of the death of Mrs. L. E. Sayre. Members of the Association express sympathy to Ex-president Sayre and family in their bereavement. The deceased had been in poor health for more than a year.