A TEXT-BOOK OF QUANTITATIVE CHEMICAL ANALYSIS BY GRAVIMETRIC, ELECTROLYTIC, VOLUMETRIC, AND GASOMETRIC METHODS, WITH SEVENTY-TWO LABORATORY EXERCISES GIVING THE ANALYSIS OF PURE SALTS, ALLOYS, MINERALS, AND TECHNICAL PRODUCTS. By J. C. OLSEN, A.M., Ph.D., Professor of Analytical Chemistry in the Polytechnic Institute of Brooklyn; formerly Fellow of the Johns Hopkins University. New York: Van Nostrand Co., 1904.

In the preface the author states that he "has endeavored in the first place to produce a text-book on *Quantitative Analysis* which shall meet his own needs in presenting the subject to his students." The book is written essentially for students and not for the expert analyst, and in this respect it seems highly successful. Much of the text covering 489 pages is devoted to a general exposition of the subject rather than to tabulated directions for chemical analysis, the laboratory exercises bringing out the technique of the exact analytic methods.

In the introductory chapters, the balance, general operations, and determination of water are discussed. The body of the work is divided into sections containing, as a rule, several chapters upon "Determination of Metals," "Determination of Acids," "Analysis of Alloys," "Analysis of Minerals," "Electrolytic Methods," "Volumetric Methods," "Oxidation and Reduction Methods," "Precipitation Methods," and "Technical Analysis." In the last section one finds chapters upon analyses of iron, steel, and coal; "Water Analysis," "Analysis of Oils and Fats," "Gas Analysis," and a valuable chapter on "Stoichiometry."

The appendix consists principally of a useful collection of tables. The author has designed the work as a text-book and as such it should be of much value. It is not a laboratory manual.

W. T. L.

FUNCTIONAL DIAGNOSIS OF KIDNEY DISEASE. WITH SPECIAL REFERENCE TO RENAL SURGERY. Clinical Experimental Investigations by DR. LEOPOLD CASPER, Privat docent an der Universitat, and DR. PAUL FRIEDERICH RICHTER, Assistent der III. Med. Klinik in Berlin. Translated by DR. ROBERT C. BRYAN, Adjunct Professor Genito-urinary Diseases, University Medical College, Richmond, Va., and DR. HENRY L. SANFORD, Resident Surgeon, Lakeside Hospital, Cleveland, Ohio. Philadelphia: P. Blakiston's Son & Co., 1903.

REMARKABLE strides have been made in recent years in the diagnosis of lesions of the kidneys which have naturally resulted in greatly improved methods of treatment. It must be apparent,