
Inorganic Syntheses. Volume III. *L. F. Audrieth*, Editor. McGraw-Hill Book Company, Inc., New York. 1950. xi+230 pp. \$3.75.

The third volume of this highly useful and important series continues the policies and practices followed in volumes I and II. The procedures submitted by various contributors are carefully checked at some other laboratory, revised and edited if necessary, and then returned to the original contributor for final approval. There are over sixty new preparations listed, including such compounds as the basic beryllium derivatives of organic acids, strontium sulfide and selenide phosphors, boron chloride and bromide, a variety of organo-silicon compounds, nitrogen (V) oxide, a series of polyphosphates, and a variety of transition metal halides and oxides. Modern principles of nomenclature are followed in most cases, although widely used trivial and common names are used in some instances. A cumulative index to all three volumes is provided.

The work which is being done by the editors and contributors to this series of volumes represents an outstanding contribution to chemical research and deserves the enthusiastic support and appreciation of chemists generally and of inorganic chemists in particular.

HARRY H. SISLER.