



Chemical Experimentation Being a Hand-Book of Lecture Experiments in Inorganic Chemistry Systematically Arranged for the Use of Lecturers and Teachers in Chemistry as Well as for Students in Normal Schools and Colleges and

By Samuel Philip Sadtler

RareBooksClub. Paperback. Book Condition: New. This item is printed on demand. Paperback. 80 pages. Dimensions: 9.7in. x 7.4in. x 0.2in. This historic book may have numerous typos and missing text. Purchasers can download a free scanned copy of the original book (without typos) from the publisher. Not indexed. Not illustrated. 1877 Excerpt: . . . CHAPTER XL BORON. I. PREPARATION. fa). OF AMORPHOUS BORON. By fusion of boracic acid and sodium. Anhydrous boracic acid is heated with sodium in the end of a test-tube of thick glass. A slight detonation takes place as the boric oxide is decomposed. After the mass has cooled it is treated with water, which dissolves the borate of soda, while the boron can be gathered on a small filter. It is thoroughly washed and dried at a gentle heat. (b). OF SO-CALLED CRYSTALLIZED BORON. From solution in melted aluminum. Aluminum is fused in a carbon crucible with boracic acid or amorphous boron, and then the whole treated with hydrochloric acid, which dissolves the aluminum, leaving the boron crystals. II. PHYSICAL AND CHEMICAL PROPERTIES. Hardness of crystallized boron. It readily scratches glass. Preparation of boracic acid. Boracic acid is readily obtained by the decomposition of borax or...

Reviews

Basically no terms to clarify. It is actually written in basic terms rather than confusing. I found out this ebook from my dad and I suggested this book to find out.

-- **Elinore Vandervort**

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