



Experiments in General Chemistry; And Introduction to Chemical Analysis by J. Volhard and C. Zimmermann (Paperback)

By Jakob Volhard

Rarebooksclub.com, United States, 2013. Paperback. Book Condition: New. 246 x 189 mm. Language: English . Brand New Book ***** Print on Demand *****.This historic book may have numerous typos and missing text. Purchasers can usually download a free scanned copy of the original book (without typos) from the publisher. Not indexed. Not illustrated. 1887 edition. Excerpt: .in NH₃ and NH₄Cl, easily soluble in mineral acids and in acetic acid. If the moist sulphide is exposed to the air it becomes brown, and on treating with water a part dissolves as manganous salt (P). 555 /llangarzik oxide (anhydrous as braunite, Mn₂O₃; with water of crystallization as manganite, MnO₂·xH₂O) is a very weak base whose unstable salts are cherry red or purple in solution. The phosphate is the most stable; prepare it as follows: add a few drops of NOBH to a manganous salt, add conc. phosphoric acid, and boil in a porcelain dish till the nitric acid begins to evaporate (reaction for Mn); Mn₂O₃ colors the microcosmic bead amethyst red. All Mn compounds form this bead in the oxidizing flame; in the reducing flame the bead is colorless (P). 5194 Hydroxides of manganese dioxide, MnO₂, are formed when manganous salts are...



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