



Smaller chemical analysis

By George S. Newth

RareBooksClub. Paperback. Book Condition: New. This item is printed on demand. Paperback. 46 pages. Dimensions: 9.7in. x 7.4in. x 0.1in. 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. 1906 edition. Excerpt: ... CHAPTER VI REACTIONS OF THE METALS OF GROUP Mb Manganese, Mn Dry Reactions. --Manganese compounds, when heated in a borax bead in the oxidising flame, impart to the bead a violet or lilac colour. When heated in the reducing flame, the bead again becomes colourless. A more characteristic reaction is to fuse the manganese compound with KH0, or with Na03 and a little KN03 or KC103 upon a piece of platinum foil; the manganese undergoes oxidation, and a deep green-coloured mass is obtained, consisting of manganates of the alkali metals--Mn02Na2C030 (from KC103or KN03) Na2Mn04C02 Wet Reactions. -- of the common manganous1 salts, the chloride, MnCl2, 4H20, and the sulphate, MnS04, 5H20, are soluble in water. In the crystallised state they have all a pink colour. Manganous salts which are soluble in water do not undergo atmospheric oxidation. NH4HO, KHO, and NaHO produce a white precipitate...



Reviews

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