


[DOWNLOAD](#)


## Chemical Reagents, Their Purity and Tests

By Emanuel Merck

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. 1914 edition. Excerpt: .hydrogen sulphide water. (Indicating none present.) Quantitative Determination.--Dissolve 1 gm. of powdered iron in about 50 c.c. of dilute sulphuric acid, and dilute the solution to 100 c.c. To 10 c.c. of this solution add decinormal potassium permanganate solution until the liquid has a slight red color, and, after destroying the red color by the addition of tartaric acid solution, add 2 gm. of potassium iodide. Allow the mixture to stand two hours in a closed flask at room temperature, and then titrate with decinormal solution of sodium thiosulphate with starch solution as indicator. At least 17.5 c.c. should be required to combine with the liberated iodine. 1 c.c. of decinormal  $\text{Na}_2\text{S}_3\text{O}_3 = 0.005584$  gm. of Fe, log. 74695. IRON CHLORIDE, FERRIC  $\text{FeCl}_3 \cdot 6\text{H}_2\text{O}$ . Mol. Wt. 270.31 Yellow, crystalline masses, very deliquescent in air. Ferric chloride is easily soluble in water, alcohol, and a mixture...



[READ ONLINE](#)

[ 2.05 MB ]

### Reviews

*This publication may be worth purchasing. I am quite late in start reading this one, but better then never. It is extremely difficult to leave it before concluding, once you begin to read the book.*

-- **Cassandra Von**

*Very helpful to any or all category of folks. It is writter in simple phrases rather than difficult to understand. Its been developed in an exceptionally simple way and is particularly just after i finished reading this pdf in which basically transformed me, modify the way in my opinion.*

-- **Hank Runte**