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# Analytical Chemistry

By Nikola Menshutkin

Theclassics.Us, 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. 1895 edition.

Excerpt: . cupric ferricyanide. The silver salt is orange-yellow, and soluble in ammonia (decomposes when boiled). The remaining properties of hydroferricyanic acid are similar to those of the foregoing acid. Nitric Acid 98. Nitric acid,  $\text{HN}\text{O}_3$ , is a liquid which boils at  $86^\circ\text{C}$ ., undergoing partial decomposition at the same time; its sp. gr. at  $14^\circ\text{C}$ . = 1.52. It acts as an energetic oxidising agent, and in yielding its oxygen to other bodies is converted into lower oxides of nitrogen. Nitric acid is a solvent for many metals, and in its action upon them evolves either hydrogen (with zinc, etc.), which reduces the acid to nitrous oxide and ammonia, or nitric oxide (with copper, silver, etc.) The application of these properties in analysis is given below. Nitric acid is completely reduced to ammonia by the action of hydrogen in alkaline solution; i.e., by...



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