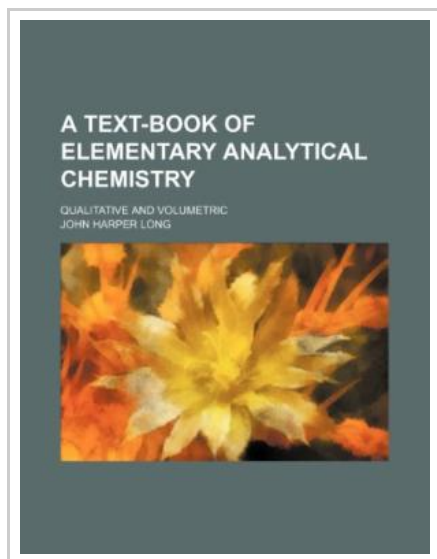




A Text-Book of Elementary Analytical Chemistry; Qualitative and Volumetric (Paperback)

By John Harper Long

Rarebooksclub.com, United States, 2012. 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 download a free scanned copy of the original book (without typos) from the publisher. Not indexed. Not illustrated. 1906 Excerpt: .or ether. It may be recognized by its boiling point and the following tests: a. Aniline combines with acids to form salts most of which are readily soluble in water. The hydrochloride has the formula $C_6H_5NH_2.HCl$. The others are combined on the same type. b. If to a dilute solution of aniline a dilute hypochlorite solution (bleaching powder will answer) be added a purple color is produced which turns to reddish brown. c. When a solution of aniline in strong sulphuric acid is mixed with an aqueous solution of potassium dichromate a deep blue color is produced. d. Aniline and several related substances yield the isonitril test, described under chloroform. To make the test add but a drop of chloroform to the aniline or salt of aniline and then add a strong alcoholic solution of potassium hydroxide and warm gently. Acetanilide. This compound, which is known...



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