

Determination of Bismuth

REAGENT—Quinaldine

METHOD—Volumetric

REFERENCE—Hayes and Chandlee, *Ind. Eng. Chem., Anal. Ed.*, **II**, 531 (1939)

BISMUTH, in the presence of dilute sulfuric acid and an excess of potassium iodide, is completely precipitated by quinaldine. The percentage of bismuth in the sample may then be readily determined volumetrically. The average error is less than .3 percent under most conditions, and interference in the reaction is encountered only with mercury and silver.

Eastman Quinaldine, No. 216, is furnished in the purity that is essential for such analytical purposes. An abstract outlining the use of this reagent in the above procedure will be forwarded promptly upon request. . . . Eastman Kodak Company, *Chemical Sales Division*, Rochester, N. Y.

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