



## Methods of Chemical Analysis and Foundry Chemistry Volume 32

By Frank Lincoln Crobaugh

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. 1901 edition. Excerpt: . ANALYSIS. Moisture. Until recently the sale of ore was based upon its analysis, when dried at 212F. Of late a careful estimation of moisture is required because the sale is now based, especially in wet ores, upon the percentage of iron in the natural state, figured from the analysis of the ore dried at 2120 F. and the percentage of moisture. Not less important is the moisture determination as an index of furnace yields and fuel consumption. A convenient method for making the determination is to weigh the ore into a counter poised pan, distribute evenly over the bottom of the pan, dry from 2 to 6 hours at 212 F., when cold, replace pan and counterpoise, and the weight necessary to add to the pan to make up the loss of moisture when divided by the weight taken will be the percentage...



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