



## Laboratory Experiments in General Chemistry

By Herman Schlundt

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. 1910 Excerpt: .sulphide in place of zinc. At first the cork on the flask containing the iodine and water must be loosened occasionally to allow the air to be displaced by the hydrogen sulphide. Shake the iodine and water mixture constantly to hasten the process. Describe what happens. Continue passing the gas until the solution no longer becomes brown on shaking. Warm and filter the solution. What is the residue on the filter? Distil the filtrate fractionally, figure 9, collecting first the portion that comes over between 99 and 100, and then the fractions boiling between 100-105, 105-110, and so on. Use a small flame and place a gauze under the distilling flask. Stop when the liquid is nearly all distilled off. Note the highest temperature reached. Pour the liquid left in the flask into a test tube and keep the series of distillates for the following experiments:...



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