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Elementary Course in Quantitative Chemical Analysis: With Special Reference (Classic Reprint)

By Julius William Sturmer

Forgotten Books, United States, 2015. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book ***** Print on Demand *****.Excerpt from Elementary Course in Quantitative Chemical Analysis: With Special Reference 1. The balance should rest on a perfect level, and should be adjusted so that the right and left arms exactly counterpoise. 2. A small wide-mouthed bottle, half filled with concentrated sulphuric acid (or recently ignited potassium carbonate) should be placed in the balance case, for the purpose of keeping the air in the case practically free from moisture. 3. Substances or vessels should never be weighed while hot. And to prevent the deposition of moisture on them, they should be cooled in dried air, - i. e., in a desiccator over sulphuric acid or calcium chloride. 4. Volatile substances, as well as very hygroscopic substances, should be weighed in closed containers. The method of weighing by difference should be employed. This consists simply in weighing a quantity of the substance in the container, removing a convenient quantity for analysis, and again weighing the container with the remainder of the substance. The difference between the two readings is the amount of substance taken. 5. The substance...



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