

Compounds to Study Cholesterol Metabolism." These serve to demonstrate the present widespread use of this new counting technique but most of the subjects are not of interest to the average reader. The book should be consulted by everyone who wishes to learn about the more recent applications of this counting technique.

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Calibration of Liquid-in-Glass Thermometers. National Bureau of Standards Circular 600. By JAMES F. SWINDELLS. National Bureau of Standards, Office of Technical Information, Washington 25, D.C. 1959. ii + 21 pp. 19.5 × 26 cm. Price, \$0.20.

This Circular discusses the requirements established by the National Bureau for thermometers in order that they be acceptable for calibration and certification. Good thermometer design is discussed with respect to materials of construction and scale markings, and tolerances for total, partial-immersion, low-temperature, Beckmann and clinical thermometers are listed. A description is given of equipment and procedures for testing liquid-in-glass thermometers. Equations are given and discussed to make emergent stem corrections for different kinds of thermometers. The Circular contains information of interest to both manufacturers and users of liquid-in-glass thermometers.

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June 10, 1959—July 10, 1959

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- JOHN GELDART ASTON AND JAMES JOHN FRITZ. "Thermodynamics and Statistical Thermodynamics." John Wiley and Sons, Inc., 440 Fourth Avenue, New York 16, N. Y. 1959. 556 pp. \$8.25.
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