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Mean Calorie

National Cancer Institute

Source

National Cancer Institute. *Mean Calorie*. NCI Thesaurus. Code C68849.

A non-SI unit of energy defined as one hundredth of the quantity of heat required to raise the temperature of one gram of pure water by one hundred degrees (from 0 to 100 C or from 273.15 to 373.15 K) at the constant pressure of 101.325 kPa or one atm. A value defined for the mean calorie is 4.1897 J. According to the current national standard in the United States (IEEE/ASTM SI 10TM 2002. American National Standard for Use of the International System of Units (SI): The Modern Metric System, New York: IEEE, 2002) the calorie in any form is not to be used. Joules should be used instead.