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Katal

National Cancer Institute

Source

National Cancer Institute. *Katal*. NCI Thesaurus. Code C42566.

A unit for measuring catalytic (e.g. enzymatic) activity, the ability of the compound to accelerate the chemical reaction by providing a lower energy pathway between the reactants and the products. One katal is that catalytic activity which will raise the rate of reaction by one mole per second in a specified assay system. When the katal is used, the measurand should be specified by reference to the measurement procedure; the measurement procedure must identify the indicator reaction. The katal is not used to express a rate of reaction itself, which should be expressed in moles per second. Katal is coherent with the SI.