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# Mole

National Cancer Institute

## Source

National Cancer Institute. *Mole*. NCI Thesaurus. Code C42539.

A unit of amount of substance, one of the seven base units of the International System of Units (Système International d'Unités, SI). It is the amount of substance that contains as many elementary units as there are atoms in 0.012 kg of carbon-12. When the mole is used, the elementary entities must be specified and may be atoms, molecules, ions, electrons, other particles, or specified groups of such particles.