

lowest observed adverse effect level (LOAEL)

Lowest concentration or amount of a substance, found by experiment or observation, which causes an adverse alteration of morphology, functional capacity, growth, development, or life span of a target organism distinguishable from normal (control) organisms of the same species and strain under defined conditions of exposure.

Source:

PAC, 1993, 65, 2003 (*Glossary for chemists of terms used in toxicology (IUPAC Recommendations 1993)*) on page 2065

PAC, 2001, 73, 993 (*Risk assessment for occupational exposure to chemicals. A review of current methodology (IUPAC Technical Report)*) on page 1023

This definition replaces an earlier definition of .