

repeatability

The closeness of agreement between independent results obtained with the same method on identical test material, under the same conditions (same operator, same apparatus, same laboratory and after short intervals of time). The measure of repeatability is the standard deviation qualified with the term: 'repeatability' as repeatability standard deviation. In some contexts repeatability may be defined as the value below which the absolute difference between two single test results obtained under the above conditions, may be expected to lie with a specified probability.

See also: reproducibility

Source:

PAC, 1994, 66, 595 (*Nomenclature for the presentation of results of chemical analysis (IUPAC Recommendations 1994)*) on page 598

See also:

PAC, 1995, 67, 1699 (*Nomenclature in evaluation of analytical methods including detection and quantification capabilities (IUPAC Recommendations 1995)*) on page 1701

PAC, 1990, 62, 2167 (*Glossary of atmospheric chemistry terms (Recommendations 1990)*) on page 2210