

detection limit

in analysis

The minimum single result which, with a stated probability, can be distinguished from a suitable blank value. The limit defines the point at which the analysis becomes possible and this may be different from the lower limit of the determinable analytical range.

See also: limit of detection, relative detection limit

Source:

PAC, 1989, 61, 1657 (*Nomenclature for automated and mechanised analysis (Recommendations 1989)*) on page 1663

See also:

PAC, 1991, 63, 1541 (*Recommendations for nomenclature and symbolism for mass spectroscopy (including an appendix of terms used in vacuum technology)*). (*Recommendations 1991*) on page 1553