

sensitivity, A

in metrology and analytical chemistry

The slope of the calibration curve. If the curve is in fact a 'curve', rather than a straight line, then of course sensitivity will be a function of analyte concentration or amount. If sensitivity is to be a unique performance characteristic, it must depend only on the chemical measurement process, not upon scale factors.

Source:

PAC, 1995, 67, 1699 (*Nomenclature in evaluation of analytical methods including detection and quantification capabilities (IUPAC Recommendations 1995)*) on page 1703

PAC, 1990, 62, 2167 (*Glossary of atmospheric chemistry terms (Recommendations 1990)*) on page 2174

See also:

Orange Book, p. 5

Orange Book, p. 36