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