

quantum counter

A medium emitting with a quantum yield independent of the excitation energy over a defined spectral range (e.g, concentrated rhodamine 6G solutions between 300 and 600 nm). Also used for devices producing an electrical signal proportional to the photon flux absorbed in a medium.

Source:

PAC, 1996, 68, 2223 (*Glossary of terms used in photochemistry (IUPAC Recommendations 1996)*) on page 2267

Orange Book, p. 193

PAC, 1984, 56, 231 (*Nomenclature, symbols, units and their usage in spectrochemical analysis-Part VI: molecular luminescence spectroscopy*) on page 238