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Photometry/Spectrum Analysis, Visible Light

National Cancer Institute

Source

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Analysis of the absorption or transmittance of light in the visible region of the electromagnetic spectrum by a specific compound. By itself, this technique does not lead to the identification of a substance, but analysis of the spectrum (absorption versus wavelength) can help identify the presence of specific chromophores in the molecule. When the identity of the compound is known, determination of the absorbance at a specific wavelength yields quantitative information about the material analyzed.