

POLARIMETRY

Meaning: Polarimetry is the measurement of the angle of rotation of polarized light as it passes through a substance, used to analyze the optical properties and concentration of materials.

1. Polarimetry is an essential technique in studying the optical properties of materials.
2. In chemistry, polarimetry helps in determining the concentration of optically active substances.
3. The advancements in digital polarimetry have significantly improved measurement accuracy.
4. Researchers utilize polarimetry to investigate the structure of complex organic molecules.
5. Understanding the principles of polarimetry is crucial for fields such as pharmaceuticals and food science.

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