

CHROMATOGRAPHY

Meaning: Chromatography is a laboratory technique used to separate and analyze the components of a mixture based on their different affinities for a stationary and a mobile phase.

1. Chromatography is a powerful technique used to separate and analyze components of a mixture.
2. In the laboratory, scientists often rely on chromatography to purify compounds from complex samples.
3. Gas chromatography is particularly effective for analyzing volatile substances in environmental samples.
4. The results obtained from chromatography can provide valuable insights into the composition of various materials.
5. Advancements in chromatography technology have significantly improved the efficiency and accuracy of chemical analyses.

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