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A Review on Different Type of Chromatographic Technique

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Abstract: *These days, chromatographic techniques identify and Quantify the components of the mixture. Every research lab,universities, pharmaceutical firms, and othersFor separation science, use mobile and stationary phases. The mixture's components are dispersed in a liquid solution called the mobile phase, which interacts with a stationary phase. Chromatography aims to separate components based on their partitioning between these phases, ultimately determining the qualitative and quantitative chemical composition of a sample for purification and extraction.This piece aids the writers in understanding chromatography. Technology that enables drug development is necessary.Scientists precisely investigate drug molecules,accurately and effortlessly. Chromatography makes use ofTo separate a mixture, use bothChromatographic techniques employedin the creation of drugs. Proper analysis of herbal products requires understanding the chemistry of phytochemicals, including their isolation, structural identification, and quantification. This research addresses Chromatographic techniques, TLC, Gas chromatography, HPTLC and HPLCutilized to examine pharmaceutical products.*

Keywords: TLC (Thin layer chromatography), HPTLC (High performance thin layer Chromatography), Paper Chromatography, HPLC (High performance liquid Chromatography),CC (column chromatography), GC gas chromatography, Ion exchange chromatography, Principal, Advantage, Disadvantages

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