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## High-Performance Liquid Chromatography: A boon for routine and advanced chromatographic separations

**Bhumika G Rathod**

Piramal Enterprise Ltd., India

Chromatography was first discovered in 1903 by Twsett for isolation of chlorophyll. In 1960s HPLC was developed as an analytical tool. Liquid chromatographic approaches cover a wide range of applications today. It is closely relevant in scientific studies, which provides a powerful identification of certain components that will be effective for curing specific diseases. Especially important, LC methods can assist us in the isolation and purification of therapeutic drugs that benefit the development of the medical industry. As the development of liquid chromatography, the single effective component within a drug can be separated and purified under extreme purity requirements from a biological system with great complexity and abundance. However, improvement of LC methods is still urgently needed for better application of this method to benefit our lives. It has also been widely used in the separation of herbal drug molecules. Routine analysis of herbal drug substances and formulations has also become possible to meet the regulatory requirements. The current study shows review literature of certain advances in chromatographic techniques.

bhumi.pharma@gmail.com