

Modern Trends in Analytical Method Development for Pharmaceutical Drug: Review

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Abstract: *The process of drug development requires a suitable technique which helps the scientist to analyse the drug molecule in an accurate, precise, and easiest way. For the quantitative and qualitative assessment of drugs it is very important to identify the accurate method for method development. This study helps to understand the different analytical method available for the process of drug development which includes different chromatographic technique. As traditional techniques usually do not deliver the speed required, some unique approaches are required to enable workflows to function as designed so we discuss about the modern trend which are available, and implacable in all these methods to improve the analytical behavior of these techniques. This review article contains the brief summary modern techniques in analytical method development, and method validation. The latest trends in method development technique were useful to defeat errors in analytical techniques.*

Keywords: Analytical techniques, Modern trends, HPLC, MISER, method development, and validation

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