

Review Article

A REVIEW ON SPECTROSCOPY AND HPLC METHOD DEVELOPMENT

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Development and validation of analytical method play an essential role in the discovery, development and manufacturing of pharmaceuticals. Every year, number of drugs entered into the market; hence it is mandatory to develop newer analytical methods for such drugs. After the development, it becomes necessary to validate the new analytical method. Method development is the process which proves that the analytical method is acceptable for use. Analytical method and its validation gives information about various stages and parameters like accuracy, precision, linearity, Limit of Detection, Limit of Quantification, specificity, range and robustness. Analytical method development should be done as per regulatory guidelines such as ICH guidelines. This article was prepared with an aim to review analytical method development.

Keywords: Analytical Method, UV-VIS spectroscopy, HPLC , Validation, ICH Guideline