



*Thesis Abstract*

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**SIMULTANEOUS ESTIMATION OF CIPROFLOXACIN HYDROCHLORIDE, OFLOXACIN, TINIDAZOLE AND ORNIDAZOLE BY REVERSE PHASE-HIGH PERFORMANCE LIQUID CHROMATOGRAPHY**

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**ABSTRACT**

In the present research work, a successful attempt has been made for estimation of Ciprofloxacin hydrochloride, Ofloxacin, Tinidazole, and Ornidazole in tablet dosage forms by High Performance Liquid Chromatography. The method was validated with respect to stability, specificity, accuracy, precision, linearity, range, LOD and LOQ. The proposed method was found to be accurate, reproducible, and consistent. From the results, it can be concluded that method the has been successfully applied for the analysis of marketed tablets and can be used for the routine analysis of formulations containing any one of the above drugs or their combinations without any alteration in the assay.