

Singh S, Yadav AK, Gautam H. Simultaneous estimation of valsartan and hydrochlorothiazide in solid dosage form using UV spectroscopy. *Bull. Pharm. Res.* 2011;1(3):10-2.

**Abstract:** Simple, accurate, sensitive and precise ultraviolet spectrophotometric method for simultaneous estimation of Valsartan (VAL) and Hydrochlorothiazide (HTZ) in combined tablet dosage form have been developed and validated. Beer's law was obeyed in the concentration range of 0.5-3.5 mg/ml and 0.2-1.4 mg/ml in methanol at 248.5 and 271 nm for VAL and HTZ respectively. The recoveries were in the range of 99.00±0.12 and 99.34±0.03 for VAL and HTZ for simultaneous equation method. The method has been successfully applied for the analysis of VAL and HTZ in pharmaceutical formulations. The results of analysis were validated statistically that included parameters such as linearity, accuracy, precision, LOD, LOQ, recovery and robustness.

**Key words:** Absorptivity, Validation, Simultaneous equation, Robustness.

References: [08](#)

Total Pages: [03](#)

Cited by: [06](#)

\*Author to whom correspondence should be addressed:

**Mr. Sunil Singh** ([rssunil29@rediffmail.com](mailto:rssunil29@rediffmail.com))

*Department of Pharmaceutical Chemistry, Invertis Institute of Pharmacy,  
Invertis University, Bareilly, Uttar Pradesh, India*

**BPR**