

Analytical method for the analysis of itraconazole pellets-22% w/w

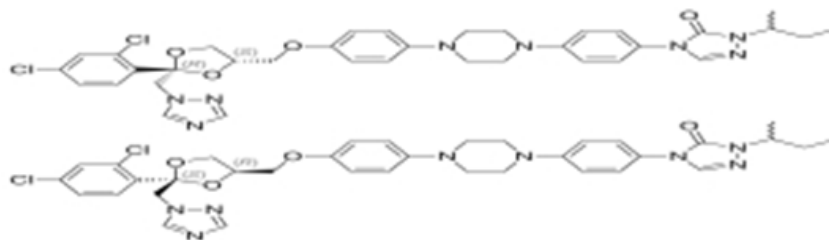
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Abstract

In-house dissolution test method was developed for the determination of ITRACONAZOLE PELLETS-22%. Apparatus USP-II, medium- Buffer pH 1.2, RPM -100RPM, temperature; $37.0 \pm 0.5^\circ\text{C}$ Dissolution medium volume: 900 ml and time: 60 minutes. The determination was accomplished by U.V Photo Spectrometer at 260nm. In house limit for dissolution of Itraconazole not less than 80% in 0.1NHCL in 60 minutes. The proposed method was validated in terms of the accuracy, repeatability, linearity. Linearity was obeyed in the range of 0.5-2.5mg of ITRACONAZOLE and repeatability (%RSD-) was satisfactory. Dissolution and assay studies of ITRACONAZOLE Pellets obtained by the proposed method were good.



Biography

Srinivasarao.Tumati presently working as a Associate professor K.G Reddy college of engineering and technology, Hyderabad. He is doing Research work collaborating with various Pharmaceutical Industries.

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