



Visible Spectrophotometric Method for Determination of Naftopidil and Telmisartan in Bulk and Pharmaceutical Formulations by Tropaeoline-ooo

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Accepted on 19th May 2016

ABSTRACT

A simple and sensitive Spectrophotometric method for the determination of Naftopidil and Telmisartan in bulk and in pharmaceutical formulations has been developed and validated. This method is based on extraction of these drugs into chloroform as ion-pair with azo dyes such as Tropaeoline-ooo (TPOOO). The optimum conditions of the reactions for the proposed method were studied and optimized. Results of the assay were statistically validated and recorded. The proposed method was applied successfully for the determination of Naftopidil and Telmisartan in commercial tablet dosage form and no significant interference was observed from the excipients commonly used as pharmaceutical aids with the assay procedure. System suitability, specificity, linearity, accuracy and precision were performed.

Keywords: Naftopidil, Telmisartan, Tropaeoline-ooo (TPOOO), Chloroform, Visible Spectrophotometer.
