

Spectrophotometric, chemometric and chromatographic determination of naphazoline hydrochloride and chlorpheniramine maleate in the presence of naphazoline hydrochloride alkaline degradation product

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Abstract

Abstract Four accurate and sensitive methods were developed and validated for determination of naphazoline hydrochloride (NAP) and chlorpheniramine maleate (CLO) in the presence of naphazoline hydrochloride alkaline degradation product (NAP Deg). The first method is a spectrophotometric one, where NAP was determined by the fourth derivative (D 4) spectrophotometric method by measuring the peak amplitude at 302 nm, while CLO was determined by the second derivative of the ratio spectra (DD 2) spectrophotometric ...

Bulletin of Faculty of Pharmacy, Cairo University - 2013, January