

Validated RP-HPLC and TLC-Densitometric Methods for Analysis of Ternary Mixture of Cetylpyridinium Chloride, Chlorocresol and Lidocaine in Oral Antiseptic Formulation

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Abstract

Abstract This work was concerned with development, optimization, application and validation of reversed phase high performance liquid chromatography (RP-HPLC) and thin layer chromatography (TLC)-densitometric methods for analysis of cetylpyridinium chloride, chlorocresol and lidocaine in Canyon® gel. The first developed RP-HPLC method depended on chromatographic separation on a ZORBAX Eclipse Plus C 8 column, with elution with a mobile phase consisting of 0.05% phosphoric acid solution: acetonitrile: ...

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