

Different spectrophotometric and TLC-densitometric methods for determination of Lidocaine HCl and Cetylpyridinium Chloride

Mohamed Mohamed ,Nourddin W Ali, Nada S Abdelwahab, M Abdelkawy, Ahmed M Elgebaly

Abstract

Abstract Lidocaine HCl (LID) and Cetylpyridinium Chloride (CPC) formulated as oral gels used to alleviate the painful and inflammatory lesions of the oral mucosa and gums. In this work, three accurate, precise and specific spectrophotometric and chromatographic methods have been developed and validated for determination of these drugs in their bulk powder and pharmaceutical dosage form. Method (I) is dual wavelength method at which two wavelengths were selected for each drug in such a way that the difference in absorbance ...

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