

Quantitative estimation of benzyloquinoline derivatives by coulometric titration

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Abstract

A method for estimating papaverine HCl and drotaverine HCl by coulometric titration with biamperometric indication of the end point was developed. The stoichiometric coefficients of the reactions of papaverine and drotaverine with electrogenerated chlorine were determined. Microgram quantities of agents in substance and therapeutic forms were estimated with a relative standard deviation (RSD) of 0.01-0.03. © 2008 Springer Science+Business Media, Inc.

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