Simultaneous determination of diloxanide furoate and metronidazole in presence of diloxanide furoate degradation products

Mohamed Mohamed ,Samah S Abbas, Nour E Wagieh, Maha M Abdelrahman

Abstract

Three methods are presented for the simultaneous determination of diloxanide furoate
(DLX) and metronidazole (MTR), used for their antiprotozoal and antiamoebic effect, in the
presence of DLX alkaline degradates and in pharmaceutical formulations, without previous
separation. The first method is chemometric-assisted spectrophotometry, in which principal
component regression and partial least squares were applied. These two approaches were
successfully applied to quantify each drug in the mixture using the information included in ...

Journal of AOAC International 2011, January

Future University In Egypt (http://www.fue.edu.eg)

Copyright É 2013 [Future University in Egypt]. All rights reserved.