

Abstract

Quality of Chlorpheniramine Maleate Syrup and Factors Affect the Amount of Related substances

Results of the determination of 20 samples of Chlorpheniramine syrup, 9 of which produced by Hospitals and 11 by manufacturers were as follows : 2 and 1 samples of the prior and the latter, respectively, failed the pharmacopoeial standard of content; 3 and 1 samples, respectively, failed the limit test for related substances. All of them were samples from different producers.

Factors affect the related substances content (color, light and temperature, especially photochemical oxidation) were also tested. Only physical changes could be detected but chemical change was still a question. More research is required.