CONTENT AND CONTENT UNIFORMITY OF CAFFEINE AND LORPHENAMINE MALEATE IN COMPOUND PARA CETAMOT AND AMANTADINE HYDROCHLORIDE CAPSULES

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[ABSTRACT] Objective: To establish the HPLC method for determining the contents and contents uniformity of caffeine and chlorphenamine maleate in compound paracetamot and amantidine hydrochloride capsules. Method: The ODS C18 column was used and 0.05 mol/L potassium dihydrogen phosphate solution—methanol—triethylamine (80:20:0.03) as mobile phase (determining wave length 210 nm). Results: The Linearity of peak area was good when the injected quantity of caffeine and chlorphenamine maleate was in the ranges of 0.1248~3.9936 mg and 0.0164~0.5248 mg. The average recovery of caffeine was 98.9 % with RSD 1.2 % (n=5) and chlorphenamine maleate was 98.5 % with RSD 0.58 % (n=5). Conclusion: The method is simple, accurate and suitable for usual quality test.

[Key words] Caffeine; Maleic salts; Compound amodiaalkylamine capsule; Drug surveillance; Chromatography, high pressure liquid chromatography