ABSTRACT

A simple and versatile HPTLC method was developed and validated for the simultaneous analysis of Irbesartan, Telmisartan, Ramipril and Hydrochlorothiazide in bulk and tablets. Chromatography was performed on 20 x 20 cm aluminium backed plates coated with 0.2mm layers of silica gel 60 F_{254}. The drugs were satisfactorily resolved with the mobile phase mixture consisting acetonitrile : toluene : methanol : formic acid in the ratio of 8:10:2:0.6 v/v/v/v with \( R_f \) values of 0.35, 0.42, 0.54 and 0.60 respectively. The accuracy and repeatability of the method was ascertained by evaluating various validation parameters like linearity, precision, accuracy and specificity as per ICH guidelines.

REFERENCES


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