

ABSTRACT

Determination of the Biologically Active Substances using Liquid Chromatography XII.

Thesis

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The method for determination of the metformin-hydrochloride by high-performance liquid chromatography in pharmaceutical preparations Diaphage 850, Metfirex 850 mg, Metfogamma 850 mg and Siofor 850 was optimised. HSF5 column was used. A mobile phase composed of phosphate buffer and methanol (97,5:2,5; v/v) at a flow rate 0,7 ml/min was used for the separation. pH was adjusted to 6,0 using concentrated sodium hydroxide. The temperature was set at 60,0 °C. Detection was carried out at 230 nm.