

摘要：目的：建立盐酸非索非那定有关物质检查方法。方法： ODS C18柱为分离柱，0.01mol/L的KH<sub>2</sub>P0<sub>4</sub> (pH3.5)：甲醇（40：60）为流动相，检测波长为220nm。结果 盐酸非索非那定与有关物质能有效地分离，有关物质的最小检出限是0.2μg/mL。结论：本法快捷、简便、准确，能很好地控制非索非那定的质量。

关键词：有关物质, 盐酸非索非那定, 高效液相色谱法

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### HPLC determination of relater substances in Fexofenadine

Abstract: Objective: To establish the HPLC method for the determination of related substances in Fexofenadine. Method: The HPLC system consisted of a ODS C18 column(4.6×250mm 5 μm) .The mobile phase was 0.01mol/L KH<sub>2</sub>P0<sub>4</sub>(pH3.5) – Methanol (40:60); The flow rate was 1.0mL·min<sup>-1</sup> with detection wave length at 220nm. Result: Fexofenadine could be completely separated from other impurities, the lowest detectable of Relater Substances is 0.2μg/mL. Conclusion:The method is simple, accurate, convenience, it can be well the quality control Fexofenadine.

Key words: Related substances,HPLC,Fexofenadine

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