

## HPLC法检查阿昔洛韦分散片的有关物质

王倩 天津 天津市医药科学研究所 300070

刘新元 天津 天津隆顺榕制药厂 300011

王桂燕 天津 天津市蓝恒医药化工技术研究所 300074

摘要: 目的: 采用高效液相色谱法检查阿昔洛韦分散片的有关物质。方法: 色谱柱为C<sub>18</sub>, 200×4.6mm, 5μm, 以甲醇:水(8:92)为流动相, 检测波长为254nm。结果: 阿昔洛韦浓度在0.5~7.5μg/mL范围内(r=0.9996, n=5), 鸟嘌呤浓度在0.5~8.5μg/mL范围内(r=0.9996, n=5), 线性均良好。有关物质测定重复性试验鸟嘌呤RSD为1.0%(n=6); 其他杂质RSD为1.3%(n=6)。

结论 方法简便、可靠, 可用于生产的质量控制。

关键词:

FONT face=Verdana>机浏览。[[下载全文](#)]

如您没有PDF阅读器, 请先下载PDF阅读器 Acrobat文章全文为PDF格式, 请下载至本Reader [[下载阅读器](#)]

### HPLC for the determination of relative substances in Acyclovir dispersed tablets

300070

300011

300074

Abstract: Objective To establish HPLC method to determine the relative substances in Acyclovir dispersed tablets. Method In the method C<sub>18</sub>(200×4.6mm, 5μm) as the column and methanol-water(8:92) as the mobile phase and the detection wavelength of 254nm was specified. Result The linear range of Acyclovir was 0.5~7.5μg/mL(r=0.9996, n=5) and Guanine was 0.5~8.5μg/mL(r=0.9996, n=5). Relative substances repeated experiments: RSD of Guanine was 1.0%(n=6), and RSD of other relative substances was 1.3%(n=6). Conclusion The method is convenient, reliable. It can be used to quality control.

Key words:

[【大 中 小】](#) [[关闭窗口](#)]