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摘要: HPLC法测定郁福来胶囊中芦丁的含量, Inertsil ODS-3.5 μ m 150 \times 4.6mm色谱柱, SecurityGuard Guard Cartridge Kit保护柱, 乙腈-1%甲酸(19[DK]:[DK]81)流动相, 检测波长360 nm, 柱温30 $^{\circ}$ C, 线性范围为0.219~2.19 μ g.mL⁻¹, r=0.998, 平均回收率为99.2%, RSD为1.52%。

关键词: HPLC, 郁福来胶囊, 芦丁, 含量测定

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Determination of rutin in Yufulai capsules by HPLC

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Abstract: HPLC was developed for determining Rutin in Yufulai capsules on Inertsil ODS-3.5 μ m 150 \times 4.6mm and Security Guard Guard Cartridge Kit column with acetonitrile-1%formic acid(19 : 81) mixture as mobile phase and ultraviolet detector at 360 nm. The column temperature was 30 $^{\circ}$ C. The results were reported that Rutin had a good linearity in the range of 0.219~2.19 μ g/mL(r=0.998), The average recoveries of the method was 99.2% with the relative standard deviation of 1.52%. This method was swift ,exact and accurate, can be applied in determining Rutin in Yufulai capsules.

Key words: HPLC, Yufulai capsules, Rutin, Determine content

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