

芩百清肺浓缩丸HPLC-UV-ELSD指纹图谱的建立

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中文摘要:目的:研究芩百清肺浓缩丸高效液相色谱指纹图谱,建立整体特征的质量评价方法。方法:采用UV-ELSD串联检测技术,Zorbax色谱柱,以乙腈-1.5%冰醋酸为流动相,梯度洗脱,检测波长280nm。结果:本色谱条件下芩百清肺浓缩丸各成分得到了较好的分离,标准指纹图谱均由10个特征峰组成,相似度>0.05。结论:所建立的HPLC指纹图谱表达了芩百清肺浓缩丸可测组分的整体特征。具有重复性好、特征性强、方法简便等特点,可用于芩百清肺浓缩丸的质量评价。

中文关键词:[芩百清肺浓缩丸](#) [紫外/蒸发光散射检测器](#) [指纹图谱](#)

Fingerprinting Analysis of Qinbaiqingfeinongsuo Pills by HPLC with Ultraviolet and Evaporative Light Scattering Detection


Abstract:Objective: Identification and quality evaluation of complex traditional Chinese medicine preparation of Qinbaiqingfeinongsuo Pills were carried out by HPLC fingerprint analysis. Method: UV-ELSD fingerprint of Qinbaiqingfeinongsuo Pills was conducted with Zorbax column and non-linear elution with the mobile phase consisted of acetonitrile-1.5% glacial acetic acid and detective wavelength was set at 280 nm. Result: Components of Qinbaiqing feinongsuo Pills were separated completely in the chromatographic condition. The standard fingerprint consisted 10 co-possessing peaks. Conclusion: The established HPLC fingerprint represents the whole character of Qinbaiqingfeinongsuo Pills. The method is found to be simple and accurate which enhanced the speciality for control and assessment of the product quality.

keywords: [Qinbaiqingfeinongsuo Pills](#) [UV/ELSD](#) [chromatographic fingerprint](#)

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