

Xiangsha Liujun Pills (*Xiangsha Liujun Wan*) – 香砂六君丸

Sample source

Commercially available Xiangsha Liujun Pills

Chemical reference substances

Hesperidin (National Institute for the Control of Pharmaceutical and Biological Products, Batch number: 110721-200211)

Preparation of test solution

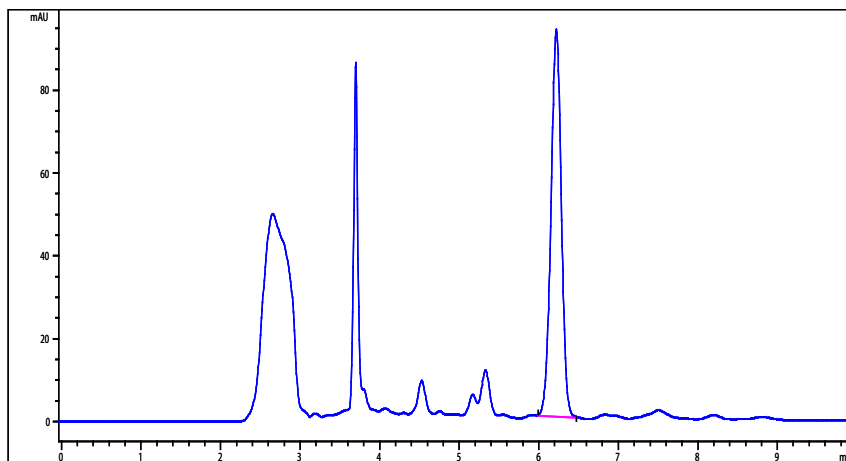
Accurately weigh 10 g of the pills, grind to a fine powder, accurately weigh 0.25 g in a 25 mL volumetric flask, add a quantity of methanol, allow to stand for 2 hours, treat ultrasonically for 1 hour, allow to cool, dilute with methanol to volume, shake well. Filter through a millipore membrane (0.45 μm), use the filtrate as the test solution.

Chromatographic conditions

- Column: ZORBAX SB C18 4.6 \times 250 mm, 5 μm (880975-902)
- Column temperature: 25 $^{\circ}\text{C}$
- Mobile phase: acetonitrile-0.2% phosphoric acid (26:74)
- Detector wavelength: 284 nm
- Flow rate: 1.0 mL/min
- Injection volume: 5 μL

Chromatographic system

- Agilent 1200 Series quaternary pump with vacuum degasser
- Agilent 1200 Series high-performance autosampler
- Agilent 1200 Series thermostated column compartment
- Agilent 1200 Series diode-array detector
- System control through Agilent ChemStation revision B.01.01



Components	k'	Ret Time (min)	Height (mAU)	Area (mAU's)	n	USP T _r
Hesperidin	0.991	6.221	93.50	847.5	11202	0.96