

Jiawei Xiaoyao Pills (*Jiawei Xiaoyao Wan*) – 加味逍遥丸

Sample source

Commercially available Jiawei Xiaoyao Pills

Chemical reference substances

Paeoniflorin (National Institute for the Control of Pharmaceutical and Biological Products, Batch number 110736-200220)

Preparation of test solution

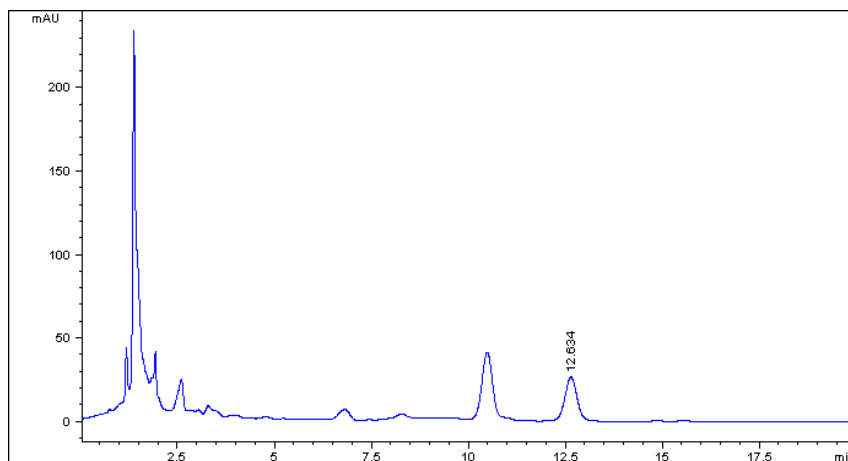
Grind the pills to a fine powder, accurately weigh 1 g of the powder in a stoppered conical flask, accurately add 50 mL of dilute ethanol, stopper tightly and weigh. Treat ultrasonically for 30 minutes, allow to cool, weigh again and replenish the lost weight with dilute ethanol. Mix thoroughly and filter, use the filtrate as the test solution.

Chromatographic conditions

- Column: ZORBAX SB C18 4.6×150 mm, 5 µm (883975-902)
- Column temperature: 35 °C
- Mobile phase: methanol-water (23:77)
- Detector wavelength: 230 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 variable wavelength detector
- System control through Agilent ChemStation revision B.01.01



Components	k'	Ret Time (min)	Height (mAU)	Area (mAU*s)	n	USP T _r
Paeoniflorin	9.528	12.634	26.00	550.9	8363	1.02