

Baihe Gujin Pills (*Baihe Gujin Wan*) – 百合固金丸

Sample source

Commercially available Baihe Gujin Wan

Chemical reference substances

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

Preparation of test solution

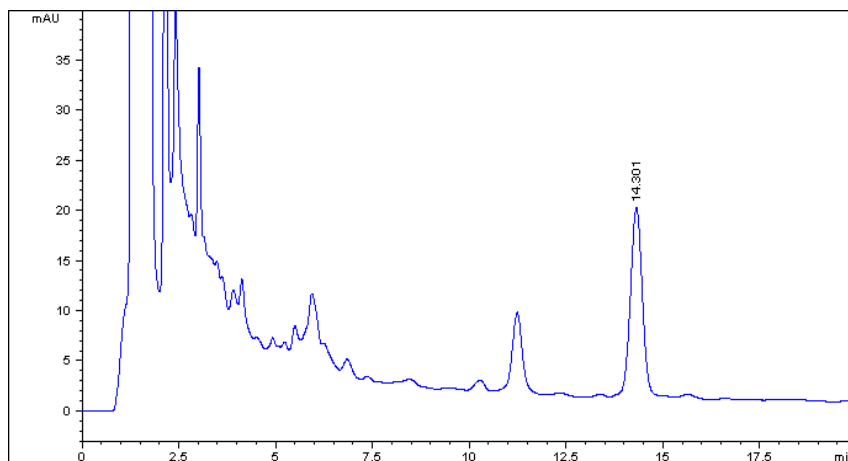
Cut the pills into pieces and mix well. Accurately weigh about 1 g in a stoppered conical flask, accurately add 10 mL of dilute ethanol, stopper well, weigh and allow to stand overnight. Treat ultrasonically for 40 minutes, allow to cool to room temperature, weigh again and replenish the lost weight with dilute ethanol. Mix well, filter and 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: acetonitrile-water (11:89)
- 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	10.918	14.301	18.61	382.7	11043	1.00