

Bazhen Yimu Pills (*Bazhen Yimu Wan*) – 八珍益母丸

Sample source

Commercially available Bazhen Yimu pills

Chemical reference substances

Paeoniflorin (National Institute for the Control of Pharmaceutical and Biological Products, Batch number 0736-200220)

Preparation of test solution

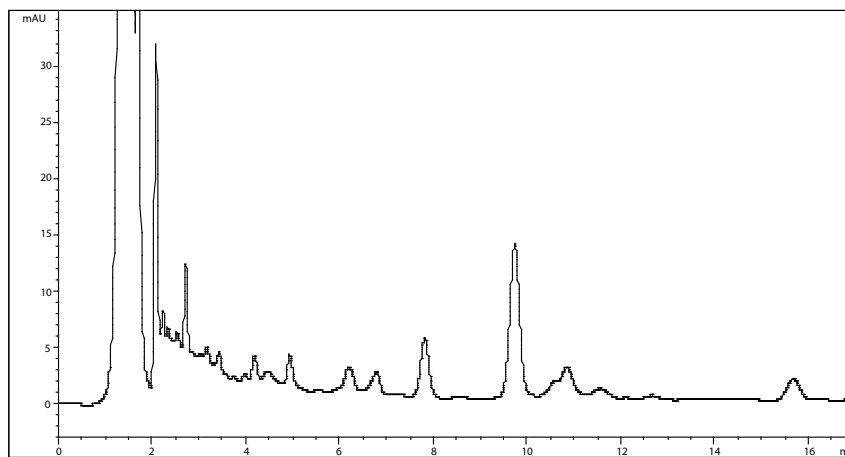
Cut a quantity of the pills into pieces and mix well, take 0.2 g of the pieces and accurately weigh in a stoppered conical flask. Accurately add 10 mL of dilute ethanol, stopper well, weigh and treat ultrasonically for 40 minutes. Allow to cool to room temperature, weigh again and replenish the lost weight with dilute ethanol. Mix thoroughly, centrifuge and use the supernatant liquid 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-0.1 % phosphoric acid solution (13:87)
- Detector wavelength: 230 nm
- Flow rate: 1.0 mL/min

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	7.116	9.739	13.46	198.3	10099	1.00