

Aifu Nuangong Pills (*Aifu Nuangong Wan*) – 艾附暖宫丸

Sample source

Commercially available Aifu Nuangong Pills

Chemical reference substances

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

Preparation of test solution

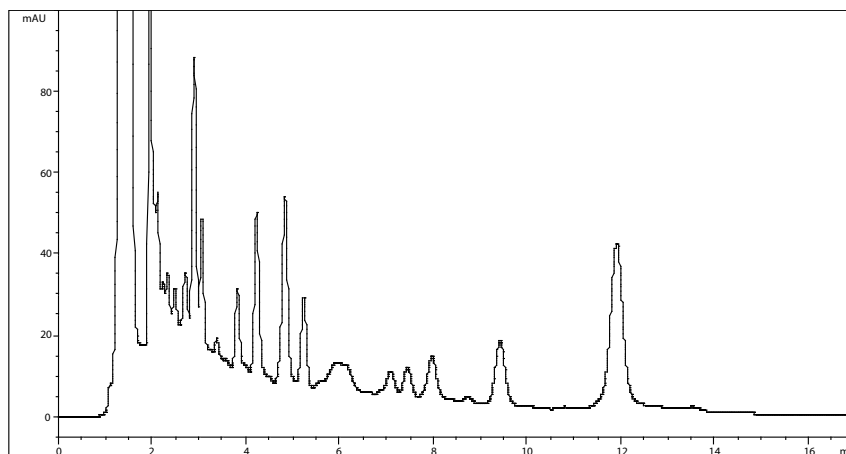
Cut the pills into pieces. Accurately weigh 0.8 g in a stoppered conical flask, accurately add 10 mL of 50 % methanol, stopper well, and weigh. Treat ultrasonically for 40 minutes, allow to cool, weigh again, replenish the lost weight with 50 % methanol, shake well, filter through a millipore membrane (0.45 μm) and use the filtrate as the test solution.

Chromatographic conditions

- Column: ZORBAX SB C18 4.6 \times 150 mm, 5 μm (883975-902)
- Column temperature: 35 $^{\circ}\text{C}$
- Mobile phase: acetonitrile-0.1 % phosphoric acid (12:88)
- 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	8.928	11.91	39.20	715.5	10274	0.99