

Fuke Shiwei Tablets (*Fuke Shiwei Pian*) – 妇科十味片

Sample source

Commercially available Fuke Shiwei Tablets

Chemical reference substances

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

Preparation of test solution

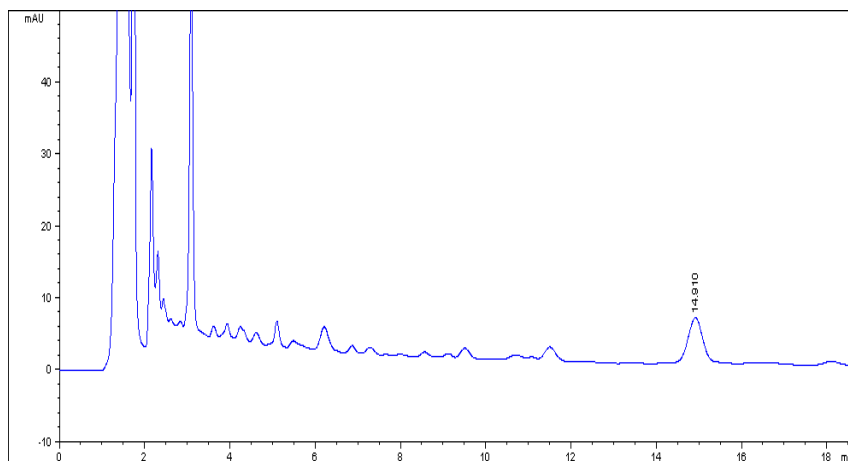
Grind 20 tablets, weighed accurately, into fine powder, weigh accurately 1 g in a stopper conical flask, add 25 ml of diluted ethanol, weigh and ultrasonicate for 30 minutes, allow to cool, weigh again, replenish the loss of weight with the diluted ethanol, and shake well. Filter

Chromatographic conditions

- Column: ZORBAX SB C18 4.6×150 mm, 5 µm (883975-902)
- Column temperature: 25 °C
- Mobile phase: acetonitrile-0.4 % 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	8.723	14.910	11.78	288.7	8224	1.01