

Shiquan Dabu Pills (*Shiquan Dabu Wan*) – 十全大补丸

Sample source

Commercially available Shiquan Dabu Pills

Chemical reference substances

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

Preparation of test solution

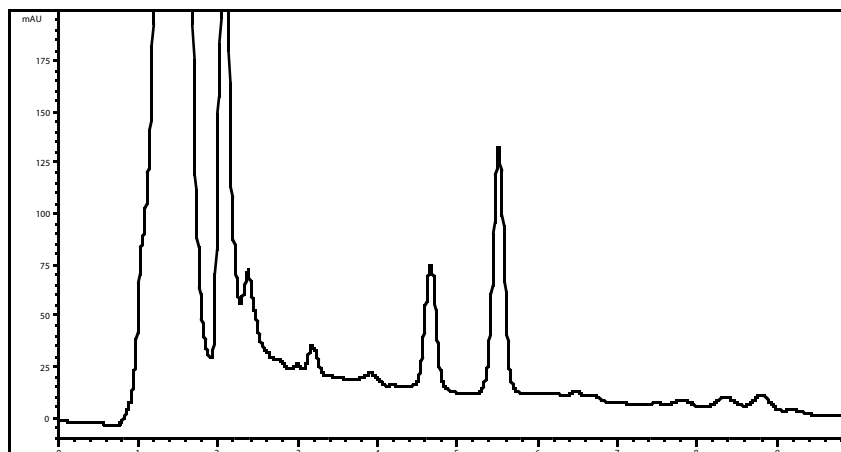
Grind the pills to a fine powder, accurately weigh 1.0 g of the powder in a stoppered conical flask, accurately add 25 mL of dilute ethanol TS, stopper tightly and weigh. Treat ultrasonically for 60 minutes, allow to cool, weigh again, replenish the lost weight with dilute ethanol TS, mix well and centrifuge. Use the filtrate of the supernatant 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 (16:84)
- Detector wavelength: 230 nm
- Flow rate: 1.0 mL/min
- Injection volume: 10 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		5.515	19.95	1200.4	7287	0.97