

Shensu Pills (*Shensu Wan*) – 参苏丸

Sample source

Commercially available Shensu Pills

Chemical reference substances

Puerarin (National Institute for the Control of Pharmaceutical and Biological Products, Batch number: 110752-200209)

Preparation of test solution

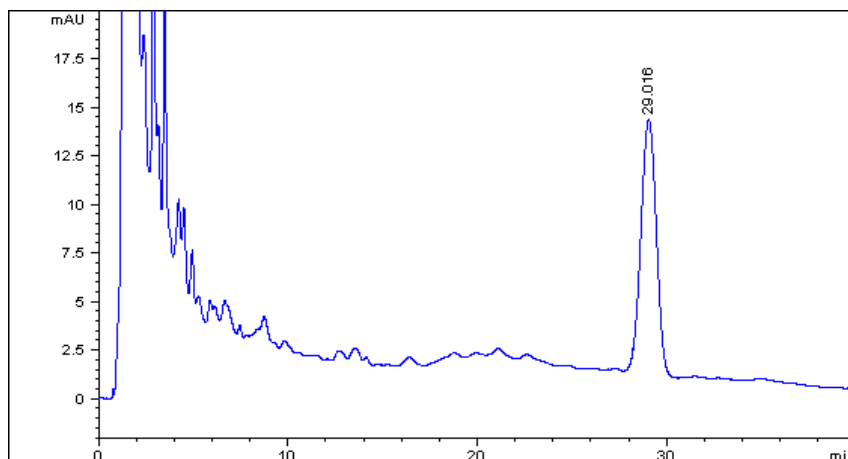
Grind the pills to a fine powder, accurately weigh 2 g in a stoppered conical flask, accurately add 25 mL of dilute ethanol TS, stopper tightly and weigh. Treat ultrasonically for 30 minutes, allow to cool, weigh again, replenish the lost weight with dilute ethanol TS. Filter the supernatant and use the filtrate as the test solution..

Chromatographic conditions

- Column: ZORBAX SB C18 4.6×150 mm, 5 µm (883975-902)
- Column temperature: 25 °C
- Mobile phase: methanol-water (17:83)
- Detector wavelength: 250 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 diode-array detector
- System control through Agilent ChemStation revision B.01.01



Components	k'	Ret Time (min)	Height (mAU)	Area (mAU*s)	n	USP T _r
Puerarin	18.344	29.016	13.10	737.3	5933	0.96