

Anshen Capsules (*Anshen Jiaonang*) – 安神胶囊

Sample source

Commercially available Anshen Capsules

Chemical reference substances

Schisandrin (National Institute for the Control of Pharmaceutical and Biological Products, Batch number 110857-200203)

Preparation of test solution

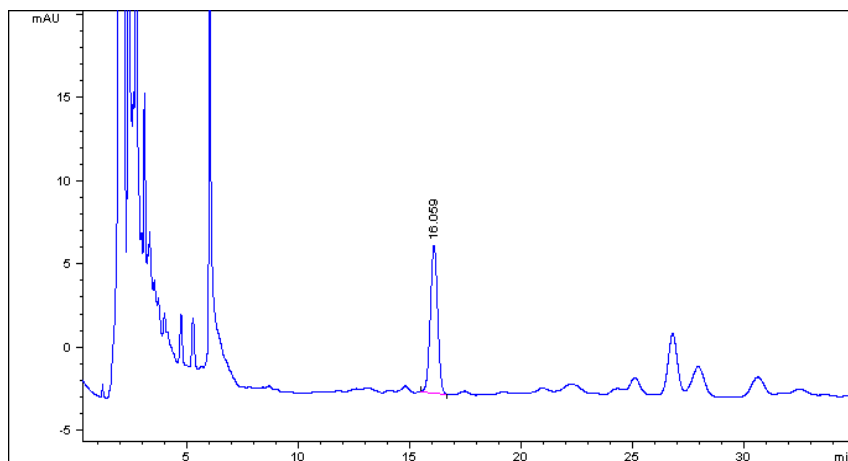
Grind the content of the capsules to a fine powder and mix well. Accurately weigh 1.0 g of the powder in a stoppered conical flask. Accurately add 25 mL of a mixture of chloroform and methanol (2:1), weigh, treat ultrasonically for 40 minutes, allow to cool, weigh again, replenish the lost weight with the mixture of chloroform and methanol (2:1), mix well and filter, use the filtrate as the test solution.

Chromatographic conditions

- Column: ZORBAX SB C18 4.6×250 mm, 5 µm (880975-902)
- Column temperature: 25 °C
- Mobile phase: methanol-water (58:42)
- Detector wavelength: 250 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
Schisandrin	5.424	16.059	8.89	201.6	11701	0.98