

Anshen Buxin Pills (*Anshen Buxin Wan*) – 安神补心丸

Sample source

Commercially available Anshen Buxin Pills

Chemical reference substances

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

Preparation of test solution

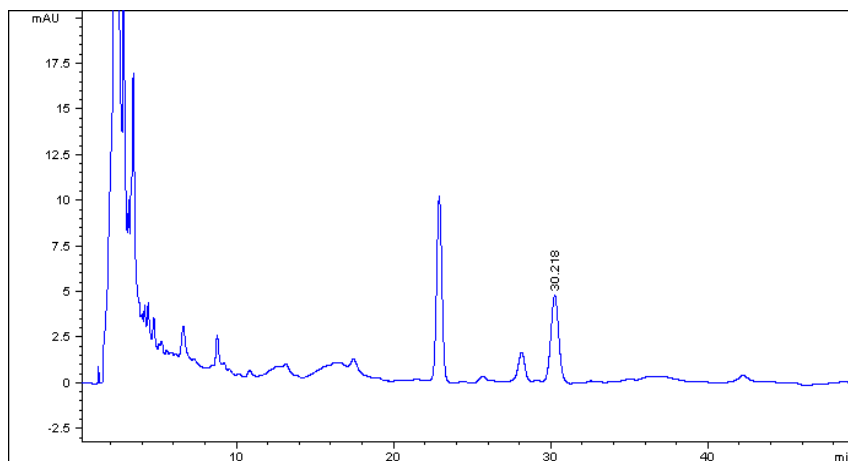
Accurately weigh 15 pills, grind to a fine powder and mix well. Accurately weigh 0.5 g, accurately add 25 mL of methanol, weigh, treat ultrasonically for 30 minutes, allow to reach room temperature, weigh again and replenish the lost weight with methanol. Mix well, filter and use the filtrate as the test solution.

Chromatographic conditions

- Column: ZORBAX SB C18 4.6×250 mm, 5 µm (880975-902)
- Column temperature: 42 °C
- Mobile phase: methanol-water (50:50)
- Detector wavelength: 250 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
Schisandrin	11.087	30.218	4.76	165.0	17750	1.02