

Xinqin Granules (*Xinqin Keli*) – 辛芩颗粒

Sample source

Commercially available Xinqin Granules

Chemical reference substances

Baicalin (National Institute for the Control of Pharmaceutical and Biological Products, Batch number: 110715-200212)

Preparation of test solution

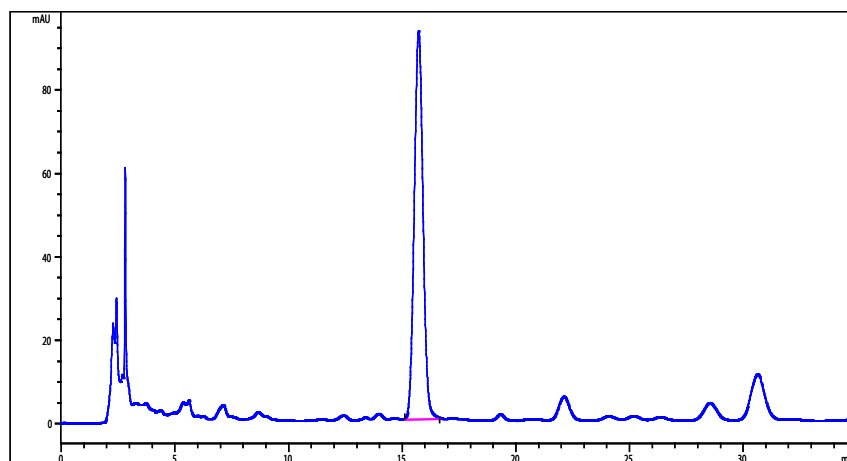
Grind the granules to fine a powder, accurately weigh 0.3 g of the powder in a stoppered conical flask, accurately add 50 mL of 70 % ethanol, stopper tightly, weigh, treat ultrasonically for 30 minutes, allow to cool, weigh again, replenish the lost weight with 70 % ethanol and mix thoroughly. Filter, and use the filtrate as the test solution.

Chromatographic conditions

- Column: ZORBAX SB C18 4.6×250 mm, 5 µm (880975-902)
- Column temperature: 30 °C
- Mobile phase: methanol-0.36 % phosphoric acid (45:55)
- Detector wavelength: 280 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
Baicalin	5.29	15.725	93.06	2488.0	8149	1.05