

Yiqing Granules (*Yiqing Keli*) – 一清颗粒

Sample source

Commercially available Yiqing Granules

Chemical reference substances

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

Preparation of test solution

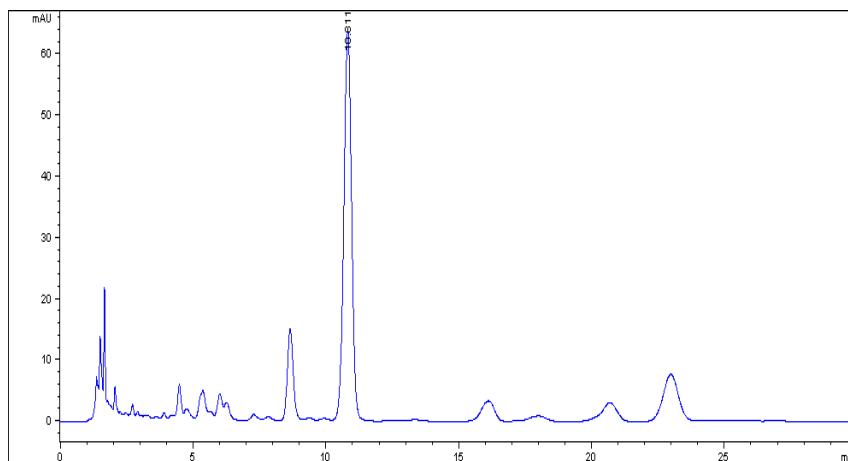
Grind the granules to a fine powder and mix thoroughly. Accurately weigh 0.75 g of the powder in a 100 mL volumetric flask. Add 10 mL of methanol and treat ultrasonically for 10 minutes, allow to cool, dilute with water to volume, mix well, centrifuge and use the supernatant as the test solution.

Chromatographic conditions

- Column: ZORBAX SB C18 4.6×150 mm, 5 μm (883975-902)
- Column temperature: 25 °C
- Mobile phase: methanol-0.2 mol/L sodium dihydrogen phosphate (adjust pH with phosphoric acid to 2.7) (42:58)
- Detector wavelength: 275 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
Baicalin	6.207	10.811	63.79	1289.2	6737	0.98