

Qinghou Liyan Granules (*Qinghou Liyan Keli*) – 清喉利咽颗粒

Sample source

Commercially available Qinghou Liyan Granules

Chemical reference substances

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

Preparation of test solution

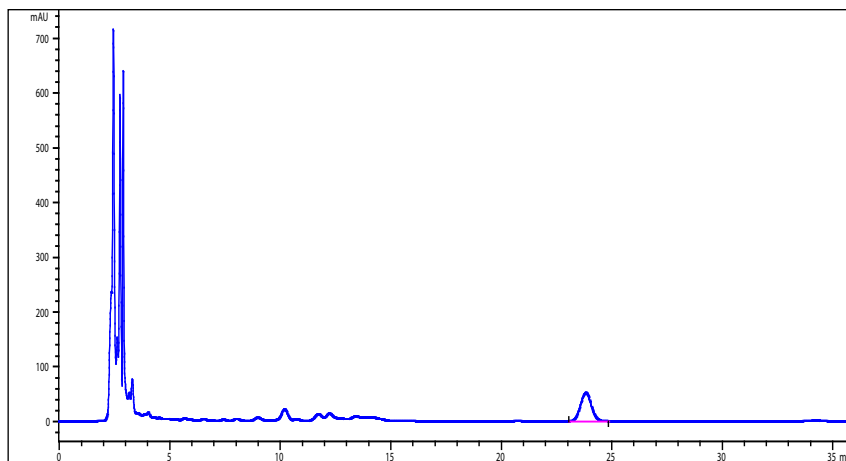
Grind the granules to a fine powder, accurately weigh 0.5 g in a 50 mL stoppered conical flask, accurately add 20 mL of water, weigh, treat ultrasonically for 2 hours, allow to cool, weigh again, replenish the lost weight with water, mix well. Accurately add 20 mL of ethanol, mix well, allow to stand overnight 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: 30 °C
- Mobile phase: methanol-3.0% glacial acetic acid (43:57)
- Detector wavelength: 283nm
- 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 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	8.535	23.827	52.24	1826.6	11057	1.03