

Qingyin Pills (*Qingyin Wan*) – 清音丸

Sample source

Commercially available Qingyin Pills

Chemical reference substances

Puerarin (National Institute for the Control of Pharmaceutical and Biological Products, Batch number 110752-200209)

Preparation of test solution

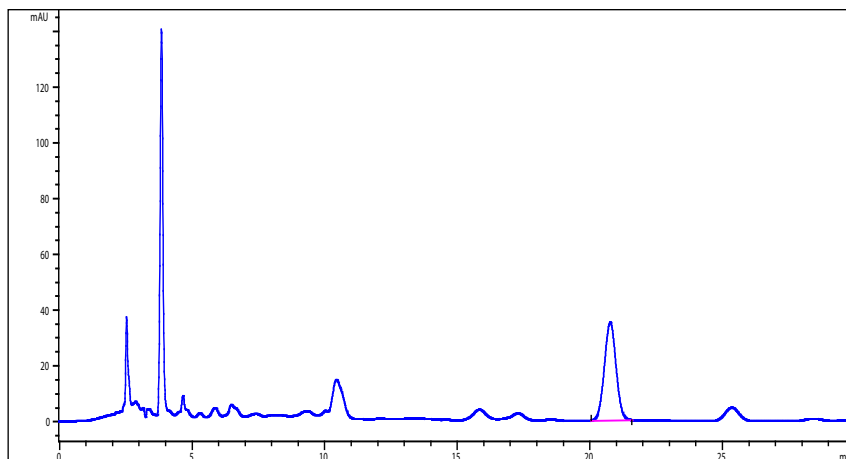
Cut the pills into pieces, accurately weigh 1 g, grind with 0.5 g of kieselguhr, accurately add 10 mL of acetyl acetate, stopper tightly, and weigh. Treat ultrasonically for 30 minutes, allow to cool, weigh again, replenish the lost weight with acetyl acetate, shake well, centrifuge, filter the supernatant, and 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-0.5% acetic acid (22:78)
- Detector wavelength: 250 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
Puerarin	7.307	20.768	35.20	1078.0	10665	1.02