

Kanggan Granules (*Kanggan Keli*) – 抗感颗粒

Sample source

Commercially available Kanggan Granules

Chemical reference substances

paeoniflorin (National Institute for the Control of Pharmaceutical and Biological Products, Batch number 110736-200220)

Preparation of test solution

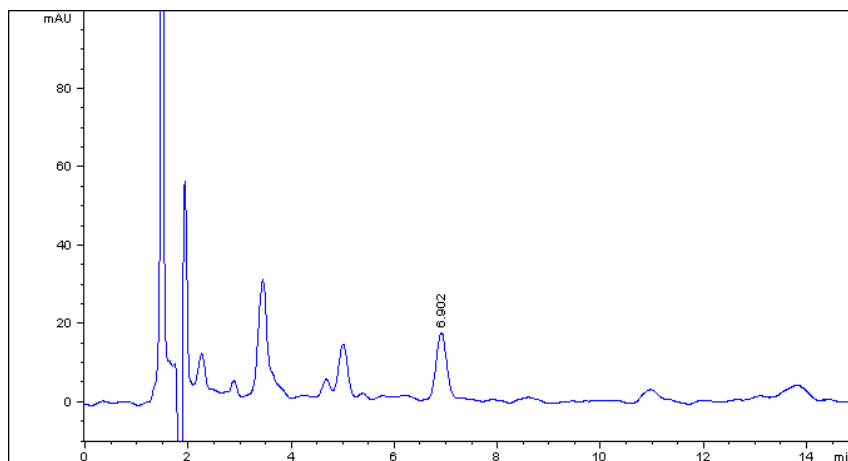
Grind the granules to a fine powder. Accurately weigh 0.6 g of the powder in a stoppered conical flask, accurately add 50 mL of methanol and weigh. Treat ultrasonically for 10 minutes, allow to cool, weigh again and replenish the lost weight with methanol, mix well and filter. Accurately measure 10 mL of the successive filtrate, evaporate the filtrate to dryness. Dissolve the residue in 20 % methanol and transfer to a 10 mL volumetric flask, dilute with 20 % methanol to volume, and mix well. Filter and use the filtrate 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-water-glacial acetic acid (30:70:0.5)
- Detector wavelength: 230 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
Paeoniflorin	3.602	6.902	16.97	239.4	5565	1.04