

# Qiju Dihuang Pills (*Qiju Dihuang Wan*) – 杞菊地黄丸

## Sample source

Commercially available Qiju Dihuang Pills

## Chemical reference substances

Paeonol (National Institute for the Control of Pharmaceutical and Biological Products, Batch number 110708-200205)

## Preparation of test solution

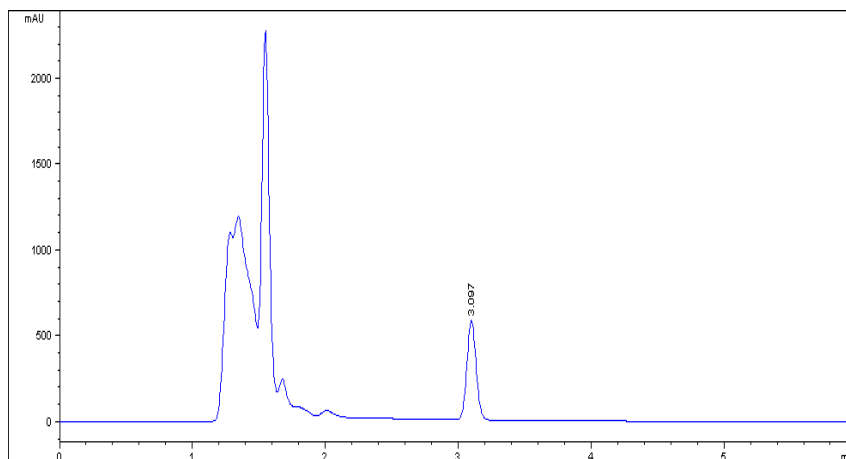
Grind the pills into pieces, accurately weigh 0.5 g in a stopper conical flask, accurately add 50 mL of 70 % methanol, stopper tightly and weigh. Treat ultrasonically for 45 minutes, allow to cool, weigh again, replenish the lost weight with 70 % methanol, and shake well. Filter and use the filtrate as the test solution.

## Chromatographic conditions

- Column: ZORBAX XDB C8 4.6×150 mm, 5 µm (993967-902)
- Column temperature: 25 °C
- Mobile phase: methanol-water (70:30)
- Detector wavelength: 274 nm
- Flow rate: 1.0 mL/min
- Injection volume: 20 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 <sub>r</sub>
Paeonol	1.065	3.097	580.25	2818.4	9512	1.05