

# Guishao Dihuang Pills (*Guishao Dihuang Wan*) – 归芍地黄丸

## Sample source

Commercially available Guishao Dihuang Pills

## Chemical reference substances

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

## Preparation of test solution

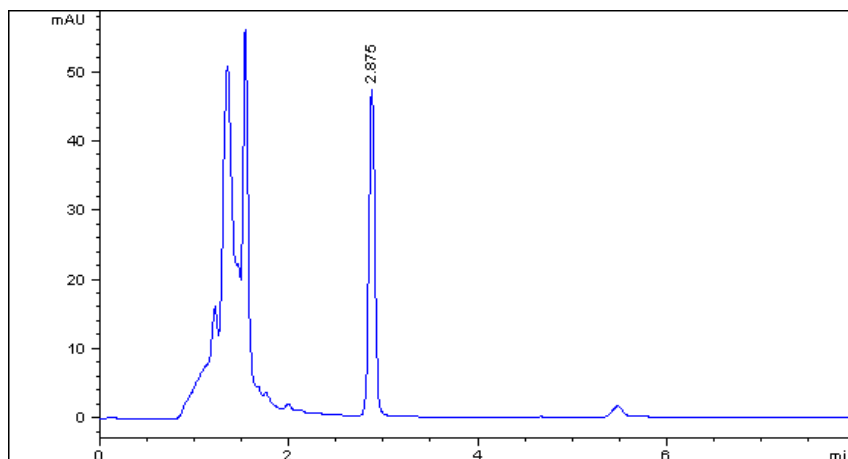
Cut a quantity of the pills into pieces and mix well, accurately weigh 0.4 g in a stoppered conical flask. Accurately add 50 mL of 70 % methanol, stopper tightly, weigh and treat ultrasonically for 45 minutes. Shake thoroughly, allow to reach room temperature, weigh again and replenish the lost weight with 70 % methanol, shake thoroughly, 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 (70:30)
- Detector wavelength: 274 nm
- Flow rate: 1.0 mL/min

## 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 <sub>r</sub>
Paeonol		2.875	47.33	208.4	10052	1.04