

Shugan Hewei Pills (*Shugan Hewei Wan*) – 舒肝和胃丸

Sample source

Commercially available Shugan Hewei Pills

Chemical reference substances

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

Preparation of test solution

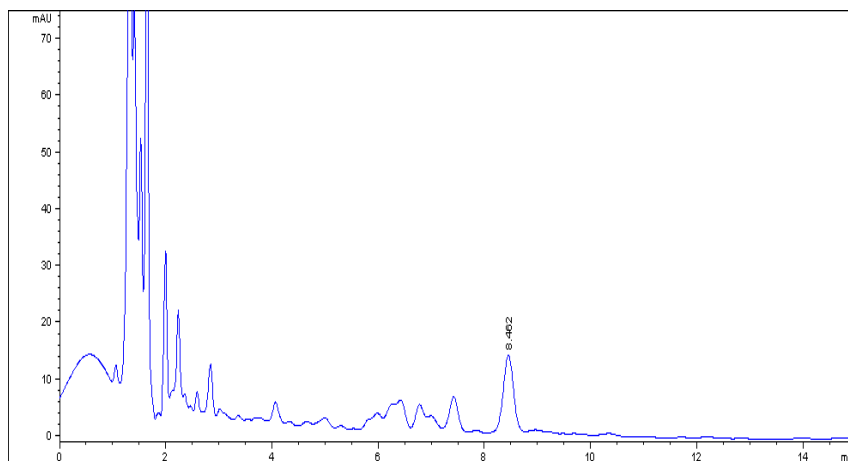
Cut the pills into pieces. Accurately weigh 0.75 g in a stoppered conical flask, accurately add 25 mL of dilute ethanol TS, stopper tightly, weigh and treat ultrasonically for 30 minutes. Allow to cool, weigh again and replenish the lost weight with dilute ethanol TS, mix well, centrifuge and filter the supernatant, 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-0.05 mol/L potassium dihydrogen phosphate (14:86)
- Detector wavelength: 230 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 _r
Paeoniflorin	4.641	8.462	13.53	176.6	9701	1.00