

Compound Danshen Dripping Pills (*Fufang Danshen Diwan*)

复方丹参滴丸

Sample source

Commercially available Compound Danshen Dripping Pills

Chemical reference substances

Sodium tanshinol (National Institute for the Control of Pharmaceutical and Biological Products, Batch number 855-200102)

Preparation of test solution

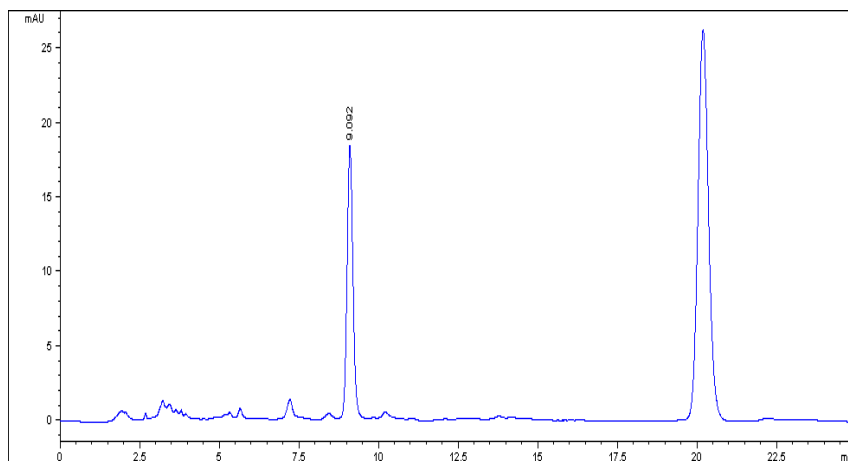
Accurately weigh 12 pills in a 25 mL volumetric flask. Break the coatings of the coated-film pills with a mortar, wash the mortar with a quantity of methanol, combine the washings in the same volumetric flask, add methanol to a volume of about 15 mL. Treat ultrasonically for 10 minutes, allow to reach room temperature. Dilute with methanol to volume, mix well, centrifuge for 5 minutes and use the supernatant as the test solution.

Chromatographic conditions

- Column: ZORBAX SB-Aq 4.6×250 mm, 5 µm (880975-914)
- Column temperature: 30 °C
- Mobile phase: methanol-1% glacial acetic acid (3:97)
- Detector wavelength: 281 nm
- Flow rate: 1.0 mL/min
- Injection volume: 10 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 _r
Tanshinol	2.637	9.092	18.26	229.6	12462	1.09