

Jingzhi guanxin Tablets (*Jingzhi guanxin Pian*) – 精制冠心病片

Sample source

Commercially available Jingzhi guanxin Tablets

Chemical reference substances

danshinone IIA (National Institute for the Control of Pharmaceutical and Biological Products, Batch number 110766-200214)

Preparation of test solution

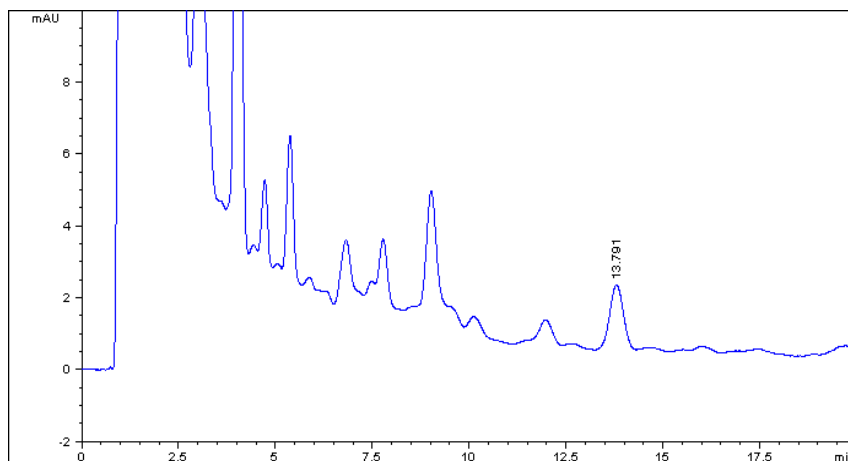
Accurately weigh 10 tablets, remove the coating, grind to a fine powder, accurately weigh 0.2 g of the fine powder in a stoppered conical flask. Accurately add 10 mL of methanol, stopper tightly and weigh. Treat ultrasonically for 15 minutes, allow to cool, weigh again and replenish the lost weight with methanol and mix well. Filter through a millipore membrane (0.45 μm), and use the filtrate as the test solution.

Chromatographic conditions

- Column: ZORBAX SB C18 4.6 \times 150 mm, 5 μm (883975-902)
- Column temperature: 35 $^{\circ}\text{C}$
- Mobile phase: methanol-water (80:20)
- Detector wavelength: 270 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 _r
Danshinone IIA	10.492	13.791	1.80	43.80	7259	0.99