

Compound Berberine Hydrochloride Tablets (*Fufang Huangliangsu Pian*) – 艾附暖宫丸

Sample source

Commercially available Compound Berberine Hydrochloride Tablets

Chemical reference substances

Paeoniflorin (National Institute for the Control of Pharmaceutical and Biological Products, Batch number 736-200220)

Preparation of test solution

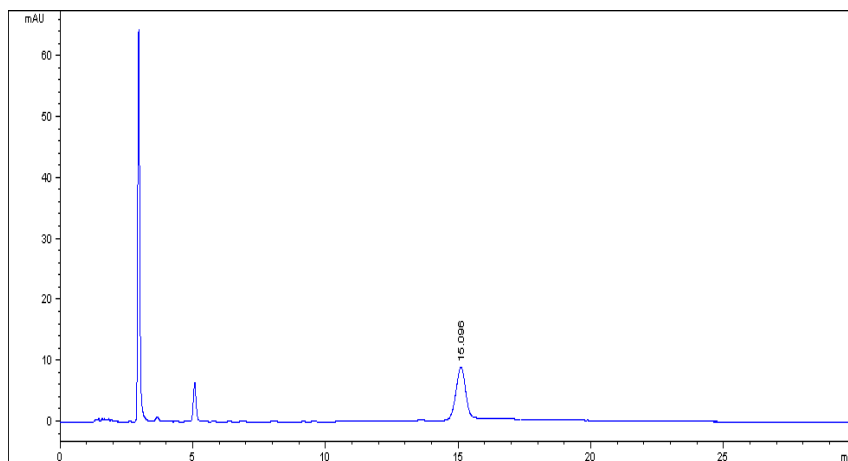
Accurately weigh 20 tablets, remove the coating and grind to a fine power and mix well. Accurately weigh 0.5 g in a stoppered conical flask, accurately add 25 mL of dilute ethanol, stopper tightly and weigh. Treat ultrasonically for 30 minutes, allow to reach room temperature and weigh again, replenish the lost weight with dilute ethanol, shake thoroughly and filter, use the filtrate as the test solution.

Chromatographic conditions

- Column: ZORBAX SB C18 4.6×150 mm, 5 μm (883975-902)
- Column temperature: 35 °C
- Mobile phase: acetonitrile-0.033 % potassium dihydrogen phosphate (11:89)
- 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 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
Paeoniflorin	9.064	15.096	8.49	209.6	8809	1.03