

Huoxiang Zhengqi Soft Capsules (*Huoxiang Zhengqi Ruanjiaonang*)

藿香正气软胶囊

Sample source

Commercially available Huoxiang Zhengqi Soft Capsules

Chemical reference substances

1. Magnolol, 2. Honokiol (National Institute for the Control of Pharmaceutical and Biological Products, Batch number 1. 110729-200308, 2. 110730-9204)

Preparation of test solution

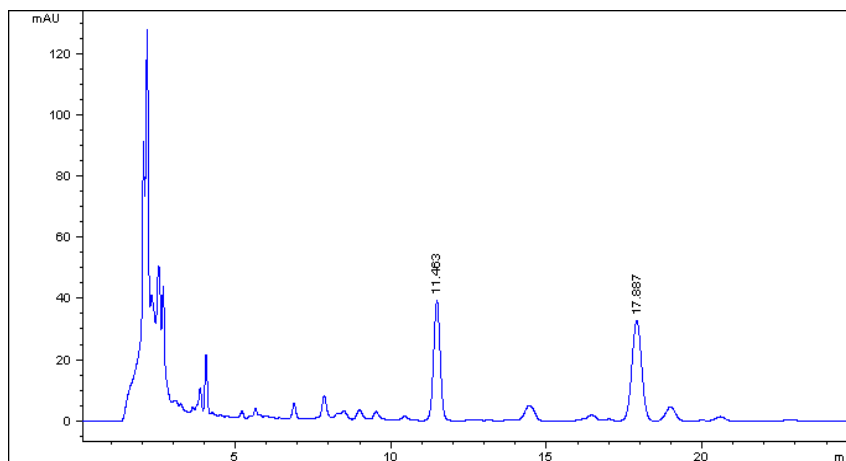
Cut open 15 capsules, collect the contents and mix well. Accurately weigh 0.25 g of the contents in a stoppered conical flask, accurately add 50 mL of 50 % ethanol, stopper tightly and weigh. Treat ultrasonically for 10 minutes, allow to reach room temperature and weigh again, replenish the lost weight with 50 % ethanol, shake thoroughly and filter, use the filtrate as the test solution.

Chromatographic conditions

- Column: ZORBAX SB C18, 4.6×250 mm, 5 µm (880975-902)
- Column temperature: 25 °C
- Mobile phase: methanol-water (71:29)
- Detector wavelength: 294nm
- 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
Honokiol	3.589	11.463	39.37	577.1	14606	0.99
Magnolol	6.155	17.887	32.75	709.1	15579	1.00