

# Huoxiang Zhengqi Tincture (*Huoxiang Zhengqi Shui*)

## 藿香正气水

### Sample source

Commercially available Huoxiang Zhengqi Tincture

### 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

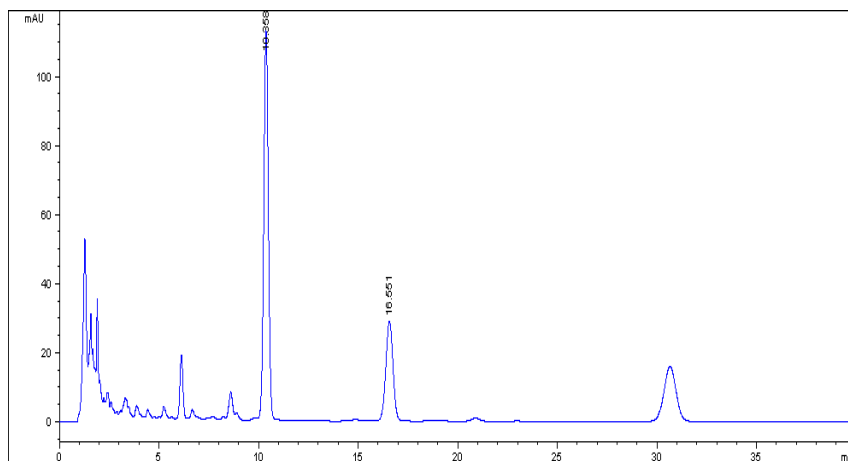
Accurately measure 5 mL of the solution, add 2 drops of hydrochloric acid, extract with three 10 ml quantities of chloroform. Combine the chloroform solutions, evaporate to dryness, dissolve the residue in methanol and transfer to a 10 mL volumetric flask, dilute with methanol to volume, mix well, filter and use filtrate as the test solution.

### Chromatographic conditions

- Column: ZORBAX XDB C18 4.6×150 mm, 5 µm (993967-902)
- Column temperature: 25 °C
- Mobile phase: methanol-acetonitrile-water (45:20:35)
- Detector wavelength: 294nm
- Flow rate: 1.0 mL/min
- Injection volume: 5 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
Honokiol	5.905	10.358	113.24	1813.8	9894	1.03
Magnolol	10.034	16.551	28.82	721.3	10324	0.99