

Huoxiang Zhengqi Oral Liquid (*Huoxiang Zhengqi Koufuye*)

藿香正气口服液

Sample source

Commercially available Huoxiang Zhengqi Oral Liquid

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

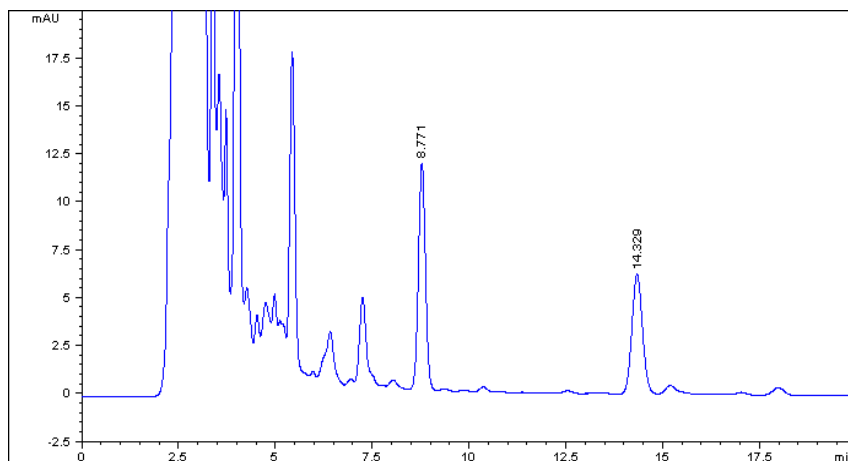
Accurately measure 5 mL of the liquid, add 2 drops of hydrochloric acid, extract with three 10 mL quantities of chloroform, combine the chloroform extracts and evaporate to dryness, dissolve the residue in a quantity of methanol, transfer the methanol solution to a 10 mL volumetric flask, dilute with methanol to volume, mix well, filter through a millipore membrane (0.45 μm) and use the filtrate as the test solution.

Chromatographic conditions

- Column: ZORBAX XDB C18, 4.6 \times 250 mm, 5 μm (990967-902)
- Column temperature: 25 $^{\circ}\text{C}$
- Mobile phase: methanol-isopropanol-water (47:20:33)
- Detector wavelength: 300 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
Honokiol	2.508	8.771	11.83	148.5	11597	1.03
Magnolol	4.731	14.329	6.25	118.6	13192	1.06