

Yiqi Yangxue Mixture (*Yiqi Yangxue Koufuye*) – 益气养血口服液

Sample source

Commercially available Yiqi Yangxue Mixture

Chemical reference substances

Icariine (National Institute for the Control of Pharmaceutical and Biological Products, Batch number: 0737-9910)

Preparation of test solution

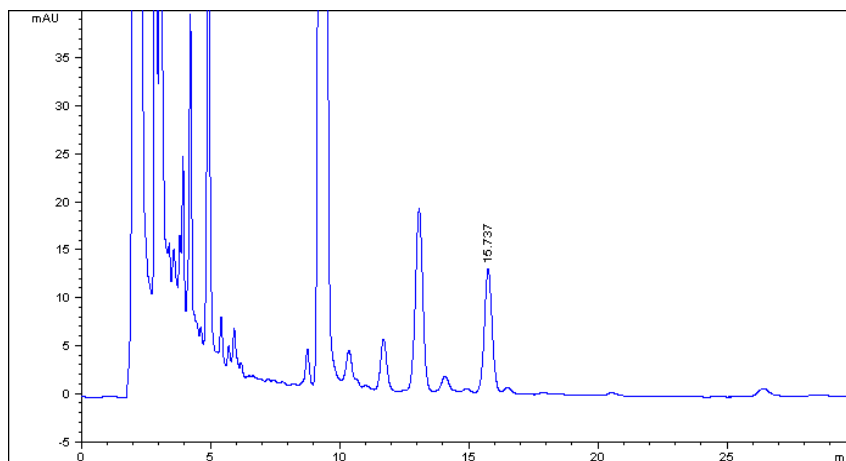
Accurately measure 3 mL of the mixture in a 10 mL volumetric flask, add a quantity of methanol, treat ultrasonically for 30 minutes, allow to cool, dilute with methanol to volume, mix well, filter the supernatant through a millipore membrane (0.45 μm) and use the filtrate as the test solution.

Chromatographic conditions

- Column: ZORBAX XDB C18 4.6 \times 250 mm, 5 μm (990967-902)
- Column temperature: 25 $^{\circ}\text{C}$
- Mobile phase: acetonitrile-0.05 % phosphoric acid (26:74)
- Detector wavelength: 270 nm
- 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 _r
Icariine		15.737	13.02	276.0	13372	1.02