

Compound Yuxingcao Tablets (*Fufang Yuxingcao Pian*)

复方鱼腥草片

Sample source

Commercially available Compound Yuxingcao Tablets

Chemical reference substances

Baicalin (National Institute for the Control of Pharmaceutical and Biological Products, Batch number 110715-200212)

Preparation of test solution

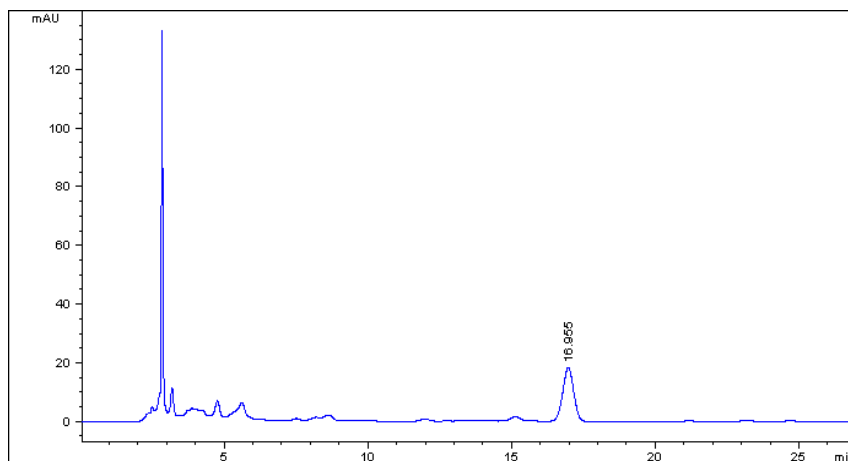
Accurately weigh 20 tablets, remove the coating and grind to a fine power. Put 0.25 g in a 50 mL volumetric flask, add 30 mL of 70 % ethanol. Treat ultrasonically for 30 minutes, allow to reach room temperature. Dilute with 70 % ethanol to volume, mix well, centrifuge and use the supernatant as the test solution.

Chromatographic conditions

- Column: ZORBAX SB C18 4.6×250 mm, 5 μm (880975-902)
- Column temperature: 25 °C
- Mobile phase: methanol-water-phosphoric acid (45:55:0.2)
- Detector wavelength: 315 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
Baicalin	5.782	16.955	18.27	484.2	9582	0.98