

Qingfei Yihuo Pills (*Qingfei Yihuo Wan*) – 清肺抑火丸

Sample source

Commercially available Qingfei Yihuo Pills

Chemical reference substances

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

Preparation of test solution

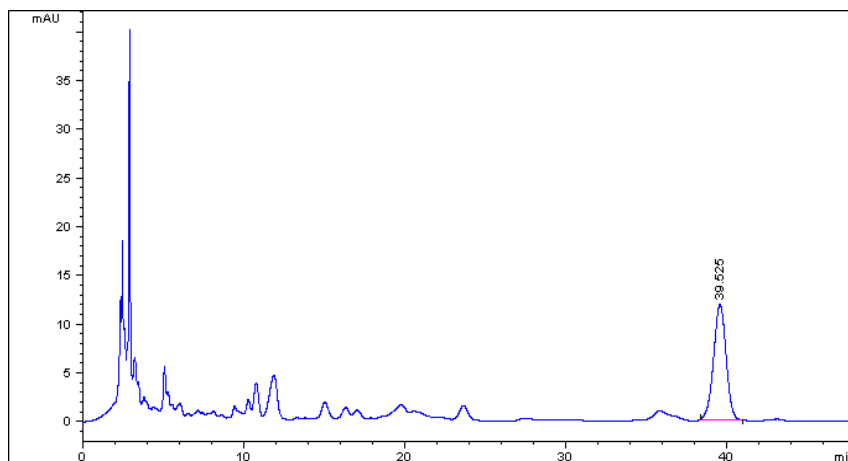
Grind the pills to a fine powder, accurately weigh 0.25 g, accurately add 50 mL of 70 % ethanol and weigh. Heat under reflux for 3 hours, cool, and weigh again. Replenish the lost weight with 70 % ethanol, mix well and filter, use the filtrate as the test solution.

Chromatographic conditions

- Column: ZORBAX SB C18 4.6×250 mm, 5 µm (880975-902)
- Column temperature: 25 °C
- Mobile phase: methanol-water-phosphoric acid (38:62:0.3)
- Detector wavelength: 280 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
Baicalin	14.81	39.525	11.91	650.4	12420	0.96