

Xiaochaihu Tablets (*Xiaochaihu Pian*) – 小柴胡片

Sample source

Commercially available Xiaochaihu Tablets

Chemical reference substances

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

Preparation of test solution

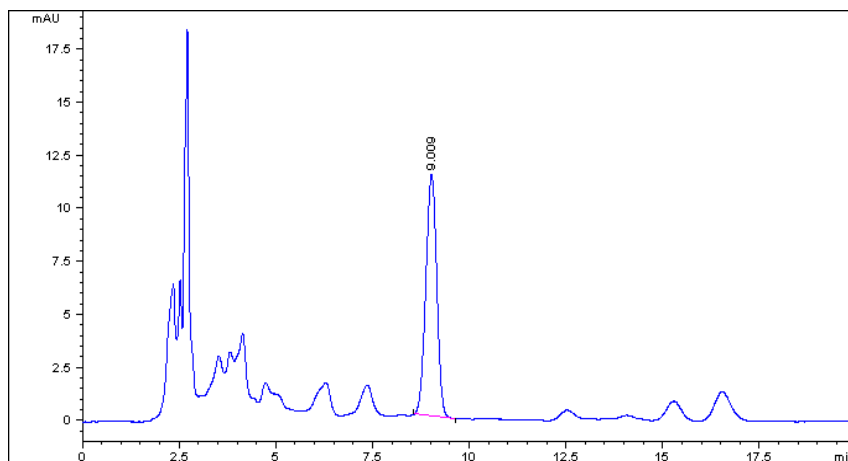
Grind 20 tablets to a fine powder, accurately weigh 0.3 g in a 100 mL volumetric flask, add 70 mL of 70 % ethanol and treat ultrasonically for 30 minutes, allow to cool, add 70 % ethanol to volume, shake well, filter and use the filtrate as the test solution.

Chromatographic conditions

- Column: ZORBAX SB C18 4.6×250 mm, 5 µm (880975-902)
- Column temperature: 20 °C
- Mobile phase: methanol-4 % glacial acetic acid (48:52)
- Detector wavelength: 315 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
Baicalin	2.603	9.009	11.39	224.5	4809	0.95