

Xiaochaihu Granules (*Xiaochaihu Keli*) – 小柴胡颗粒

Sample source

Commercially available Xiaochaihu Granules

Chemical reference substances

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

Preparation of test solution

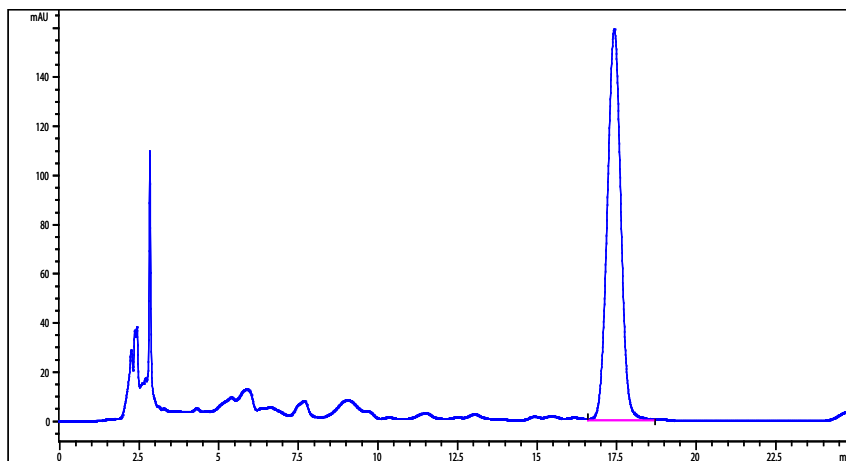
Grind the granules to a fine powder. Accurately weigh 0.6 g of the powder in a 10 mL volumetric flask, accurately add 7 mL of ethanol. Treat ultrasonically for 30 minutes, allow to cool, weigh again, replenish the lost weight with 70 % ethanol, mix well, filter, and use the filtrate as the test solution.

Chromatographic conditions

- Column: ZORBAX SB C18 4.6×250 mm, 5 µm (880975-902)
- Column temperature: 35 °C
- Mobile phase: methanol-0.36 % phosphoric acid (44:56)
- Detector wavelength: 315 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	5.972	17.43	159.09	4685.1	8311	0.998