

Shuanghuanglian Mixture (*Shuanghuanglian Koufuye*)

双黄连口服液

Sample source

Commercially available Shuanghuanglian Mixture

Chemical reference substances

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

Preparation of test solution

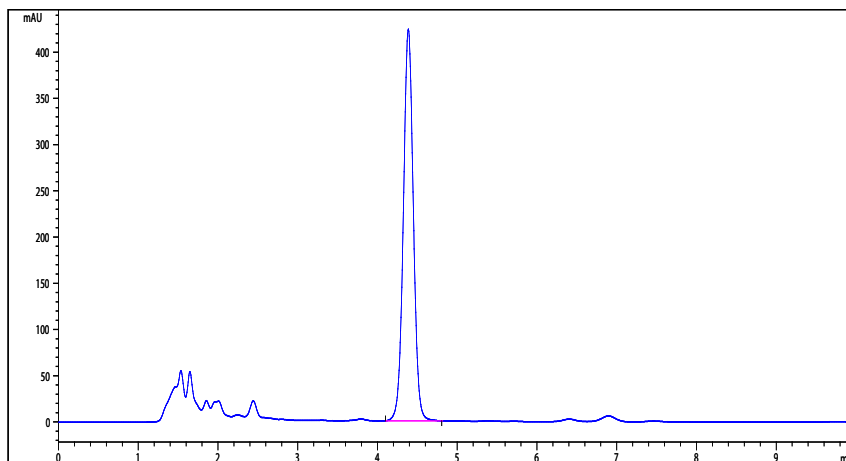
Accurately measure 0.2 mL of the mixture in a 10 mL volumetric flask, add a quantity of 50 % methanol, treat ultrasonically for 20 minutes, allow to reach room temperature, dilute with 50 % methanol to the volume and mix well.

Chromatographic conditions

- Column: ZORBAX SB C18 4.6×150 mm, 5 µm (883975-902)
- Column temperature: 35 °C
- Mobile phase: methanol-water-glacial acetic acid (50:50:1)
- Detector wavelength: 274 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	2.656	4.387	423.35	3677.7	6208	1.02