

Shuanghuanglian Granules (*Shuanghuanglian Keli*) – 双黄连颗粒

Sample source

Commercially available Shuanghuanglian Granules

Chemical reference substances

Baicalin (National Institute for the Control of Pharmaceutical and Biological Products, Batch number: 0715-200212)

Preparation of test solution

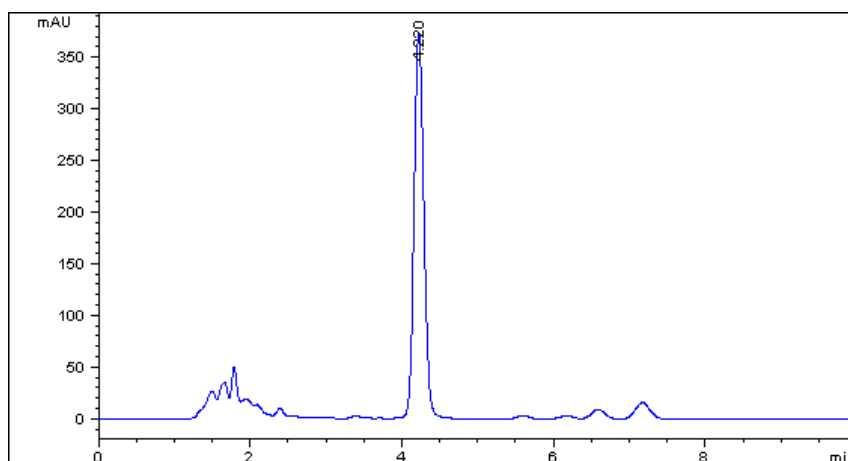
Grind the granules to a fine powder. Accurately weigh 0.5 g in a 50 mL volumetric flask, add a quantity of 50 % methanol, treat ultrasonically for 20 minutes, allow to reach room temperature, dilute with 50 % methanol to volume, shake well, filter. Accurately measure 2 mL of the filtrate in a 10 mL volumetric flask, dilute with 50 % methanol to volume and mix well. Filter and use the filtrate as the test solution.

Chromatographic conditions

- Column: ZORBAX XDB C18 4.6×150 mm, 5 µm (993967-902)
- Column temperature: 25 °C
- Mobile phase: methanol-2 % glacial acetic acid (50:50)
- 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	1.814	4.220	340.85	3373.8	4868	1.05