

Baical Skullcap Extrtact (*Extractum Scutellariae Siccus*)

黄芩提取物

Sample source

Commercially available Baical Skullcap Extract

Chemical reference substances

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

Preparation of test solution

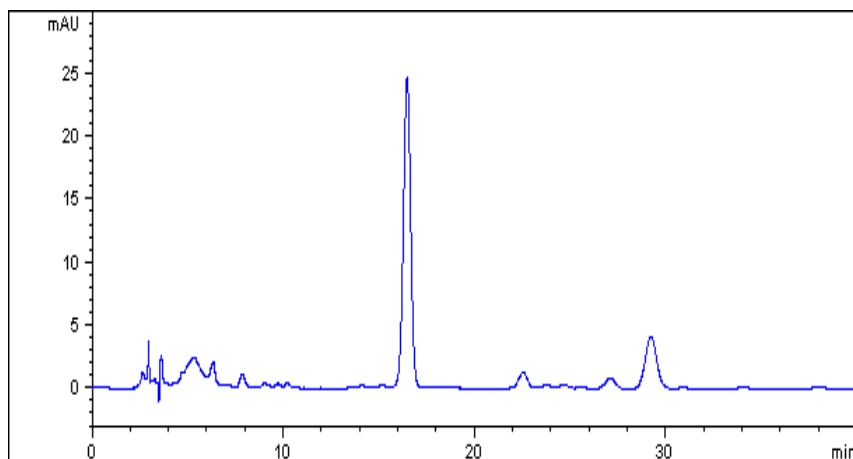
Accurately weigh 10 mg in a 25 mL volumetric flask, add methanol to volume and shake well. Accurately measure 5 mL in a 25 mL volumetric flask, add methanol to volume, shake well, filter, and use the filtrate as the test solution.

Chromatographic conditions

- Column: Agilent TC-C18, 4.6×250 mm, 5 µm (518925-902)
- Column temperature: 25 °C
- Mobile phase: methanol-0.38 % phosphoric acid (47:53)
- 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)	n	USP T _r
Baicalin	5.60	16.51	8986	0.97