

# Jiuwei Qianghuo Pills (*Jiuwei Qianghuo Wan*) – 九味羌活丸

## Sample source

Commercially available Jiuwei Qianghuo Pills

## Chemical reference substances

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

## Preparation of test solution

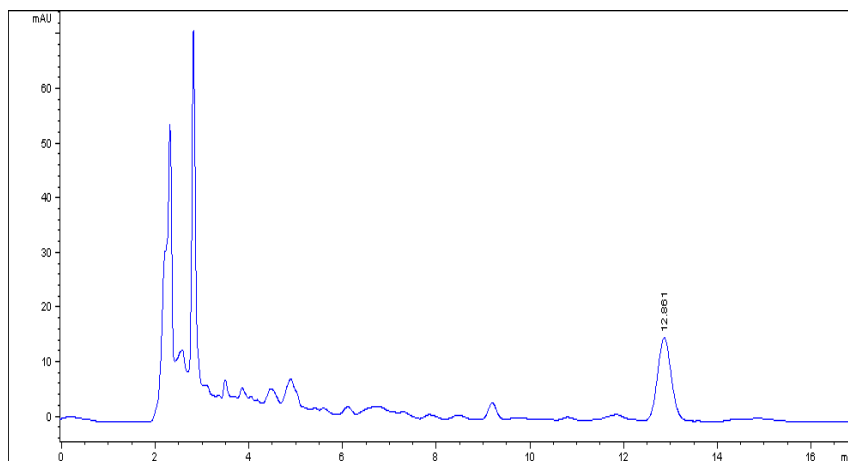
Grind the pills to a fine powder, accurately weigh 0.5 g of the powder, accurately add 50 mL of methanol and weigh. Heat under reflux for 1 hour, allow to cool, weigh again and replenish the lost weight with methanol. Mix thoroughly and filter, use the filtrate as the test solution.

## Chromatographic conditions

- Column: ZORBAX SB C18 4.6×150 mm, 5 μm (883975-902)
- Column temperature: 25 °C
- Mobile phase: methanol-water-phosphoric acid (47:53:0.2)
- 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 diode-array detector
- System control through Agilent ChemStation revision B.01.01



Components	k'	Ret Time (min)	Height (mAU)	Area (mAU*s)	n	USP T <sub>r</sub>
Baicalin		12.861	15.22	307.2	9535	1.05