

# Huaijiao Pills (*Huaijiao Wan*) – 槐角丸

## Sample source

Commercially available Huaijiao Pills

## Chemical reference substances

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

## Preparation of test solution

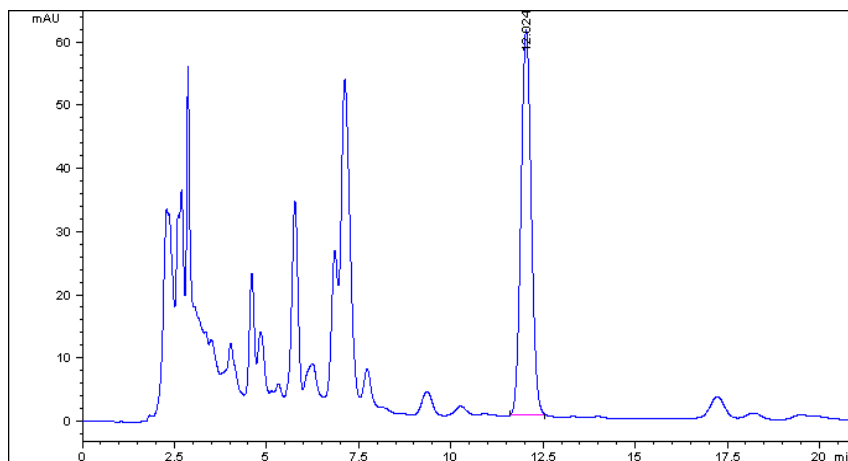
Accurately weigh 1.0 g of the pills in a pestle and grind with 80 mL of 50 % methanol, transfer to a 100 mL volumetric flask. Treat ultrasonically for 1 hour, allow to cool, dilute with 50 % methanol to volume, shake thoroughly and filter. Accurately measure 5 mL of the filtrate in a 10 mL volumetric flask, dilute with 50 % methanol to volume, shake thoroughly, filter through a millipore membrane (0.45  $\mu\text{m}$ ) and use the filtrate as the test solution.

## Chromatographic conditions

- Column: ZORBAX SB C18 4.6 $\times$ 250 mm, 5  $\mu\text{m}$  (880975-902)
- Column temperature: 20  $^{\circ}\text{C}$
- Mobile phase: methanol-3.7 % glacial acetic acid (44:56)
- Detector wavelength: 280 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 <sub>r</sub>
Baicalin	3.810	12.024	61.01	1179.7	9138	1.06