

# Qinghouyan Mixture (*Qinghouyan Heji*) – 清喉咽合剂

## Sample source

Commercially available Qinghouyan Mixture

## Chemical reference substances

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

## Preparation of test solution

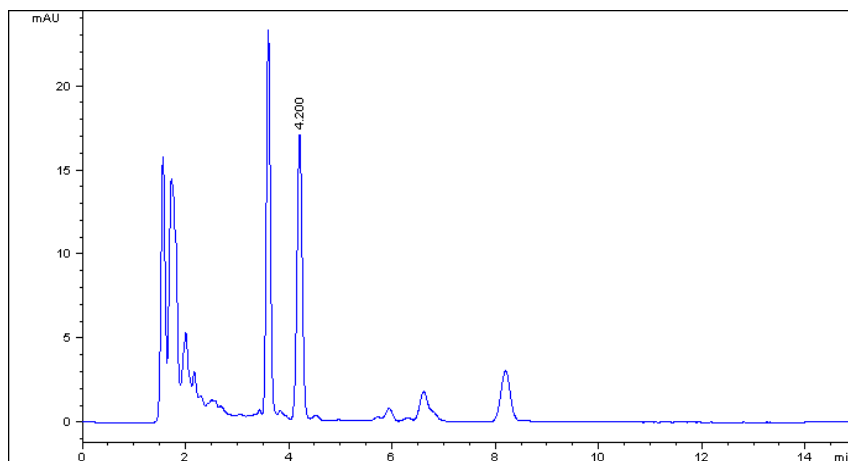
Accurately measure 1 mL of the mixture in a 50 mL volumetric flask, add a quantity of methanol, treat ultrasonically for 20 minutes, allow to cool, dilute to volume with methanol and shake well. Accurately measure 10 mL in a 25 mL volumetric flask, dilute to volume with methanol and mix well. Filter and 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: acetonitrile-0.2% phosphoric acid (25:75)
- Detector wavelength: 278 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)	Height (mAU)	Area (mAU*s)	n	USP T <sub>r</sub>
Baicalin	1.800	4.20	17.03	121.4	8194	1.02