

# Tongxinluo Capsules (*Tongxinluo Jiaonang*) – 通心络胶囊

## Sample source

Commercially available Tongxinluo Capsules

## Chemical reference substances

paeoniflorin (National Institute for the Control of Pharmaceutical and Biological Products, Batch number: 110736-200220)

## Preparation of test solution

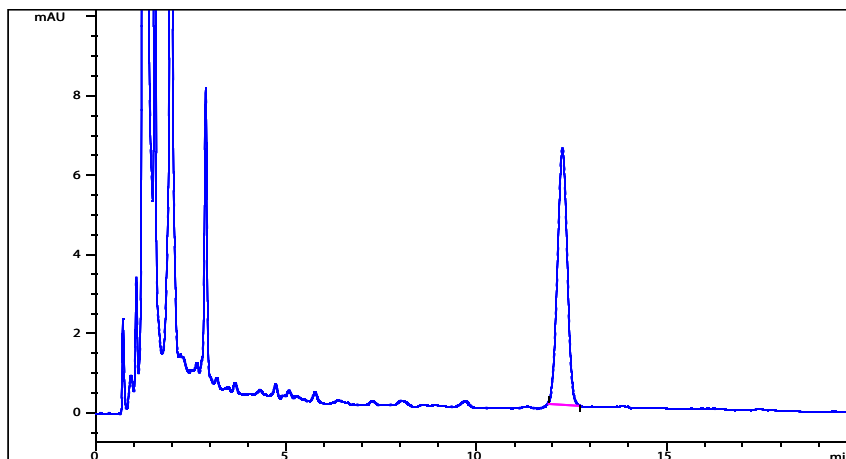
Grind the contents of the capsules to a fine powder, accurately weigh 0.1 g in a stoppered conical flask, add 10 mL of 70 % methanol, stopper tightly, weigh and treat ultrasonically for 50 minutes, allow to cool, weigh again, replenish the lost weight with methanol, shake well, and filter. Accurately measure 4 mL of the filtrate in a 10 mL volumetric flask, dilute with 70 % methanol to volume, shake well, 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 $\times$ 150 mm, 5  $\mu\text{m}$  (883975-902)
- Column temperature: 35  $^{\circ}\text{C}$
- Mobile phase: acetonitrile-water (12:88)
- Detector wavelength: 230 nm
- Flow rate: 1.0 mL/min
- Injection volume: 5  $\mu\text{L}$

## 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>
Paeoniflorin	9.221	12.265	6.48	114.7	11281	0.99