

# Gentongping Granules (*Gentongping Keli*) – 根痛平颗粒

## Sample source

Commercially available Gentongping Granules

## Chemical reference substances

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

## Preparation of test solution

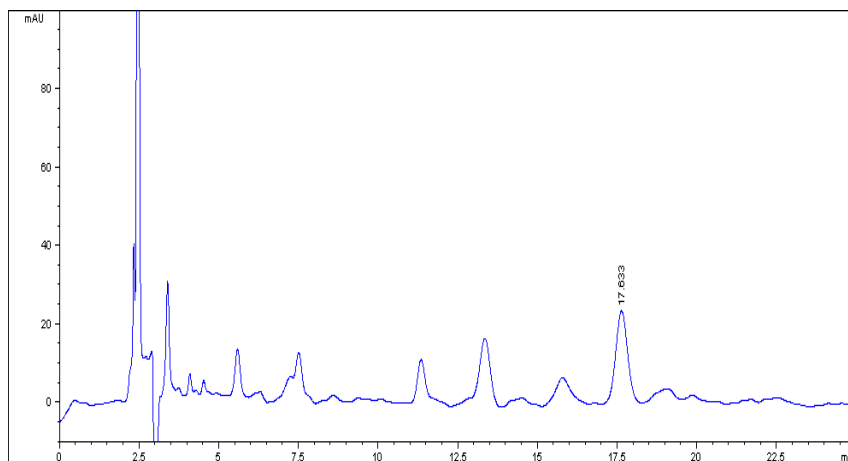
Grind a quantity of granules to a fine powder. Accurately weigh 1 g of the powder in a stoppered conical flask, accurately add 25 mL of methanol, stopper tightly and weigh, heat under reflux for 2 hours, allow to cool, weigh again, replenish the lost weight with methanol and mix well. Filter, and use 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: methanol-1.5 % acetic acid (containing 0.1 % isopropanol) (23:77)
- Detector wavelength: 230 nm

## 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	6.053	17.633	23.37	598.4	11145	1.03