

# Baoking Granules (*Baoking Keli*) – 宝咳宁颗粒

## Sample source

Commercially available Baoking Keli

## Chemical reference substances

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

## Preparation of test solution

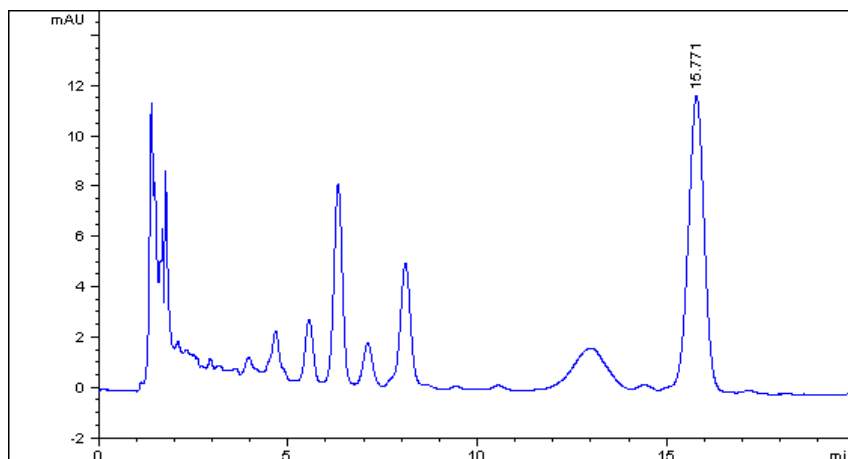
Accurately weigh 0.5 g of the granules in a stoppered conical flask, grind to a powder, accurately add 50 mL of dilute ethanol, weigh, heat under reflux for 1 hour, allow to cool to room temperature, weigh again and replenish the lost weight with dilute ethanol. Mix thoroughly, allow to stand, filter the supernatant liquid, 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-water-phosphoric acid (41:59:0.2)
- Detector wavelength: 278 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 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	9.514	15.771	11.76	343.3	7010	0.96