

# Xiao'er Qingre Tablets (*Xiao'er Qingre Pian*) – 小儿清热片

## Sample source

Commercially available Xiao'er Qingre Tablets

## Chemical reference substances

Geniposide (National Institute for the Control of Pharmaceutical and Biological Products, Batch number: 110749-200309)

## Preparation of test solution

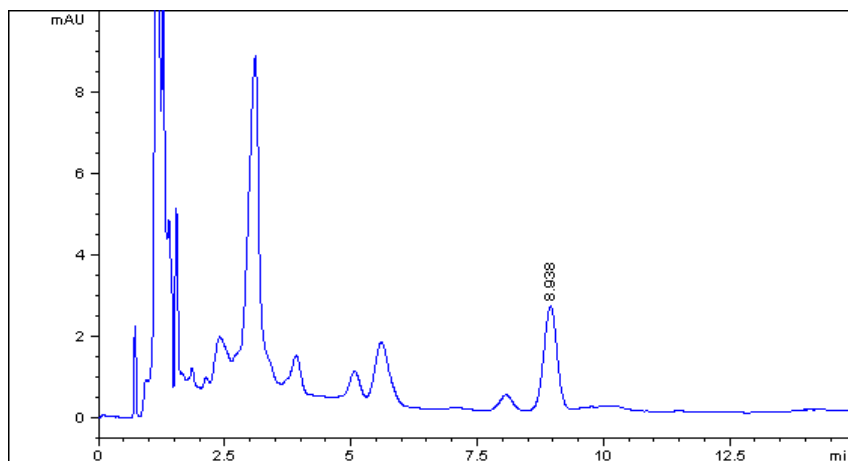
Remove the coatings from 20 tablets and grind to a fine powder, accurately weigh 0.5 g of the powder, accurately add 50 mL of methanol, treat ultrasonically for 30 minutes, allow to cool, weigh again, replenish the lost weight with methanol, mix well, and filter. Accurately measure 10 mL of the filtrate in a 25 mL volumetric flask, dilute with methanol to volume, and mix well.

## Chromatographic conditions

- Column: ZORBAX SB C18 4.6×150 mm, 5 µm (883975-902)
- Column temperature: 25 °C
- Mobile phase: methanol-water (25:75)
- Detector wavelength: 238 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 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>
Geniposide	4.959	8.938	2.54	45.8	5513	0.99