

# Xiaomi Suppositories (*Xiaomi Shuan*) – 消糜栓

## Sample source

Commercially available Xiaomi Suppositories

## Chemical reference substances

Ginsenoside Re (National Institute for the Control of Pharmaceutical and Biological Products, Batch number: 0754-9912)

## Preparation of test solution

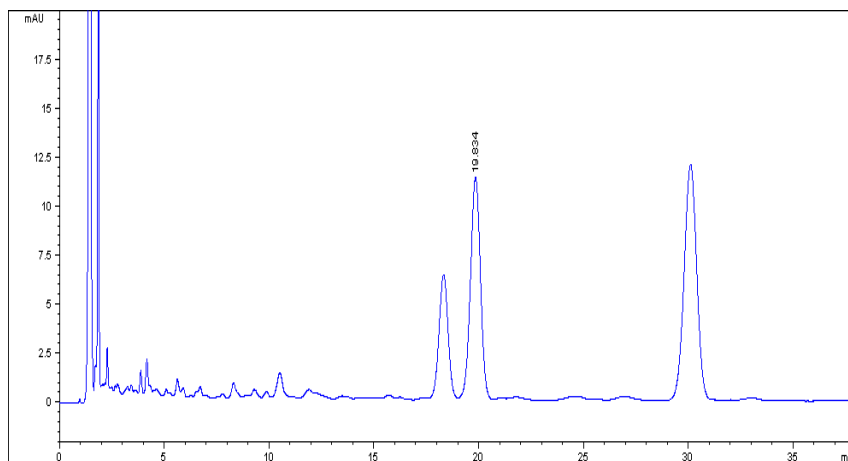
Cut the suppositories into pieces. Accurately weight 3.0 g of the pieces in a stoppered conical flask. Accurately add 50 mL of n-butanol saturated with water and weigh. Heat under reflux for 1 hour, allow to cool. Weigh again and replenish the lost weight with above solution, mix well and filter. Accurately measure 25 mL of the filtrate in a separator funnel, wash with two 25 ml quantities of ammonia TS saturated with n-butanol and then wash with 25 ml of water saturated with n-butanol. Evaporate the n-butanol extract to dryness, dissolve the residue in an appropriate amount of methanol, and transfer to a 5 mL volumetric flask. Dilute with methanol to volume, mix well, allow to stand for 15 minutes below 0 °C, filter immediately. Use the filtrate as the test solution.

## Chromatographic conditions

- Column: ZORBAX XDB C18 4.6×150 mm, 5 µm (993967-902)
- Column temperature: 25 °C
- Mobile phase: acetonitrile-0.05 % phosphoric acid (20:80)
- Detector wavelength: 203 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>
Ginsenoside Re		19.834	11.31	372.5	8392	0.98