

Lusika Pills (*Lusika Wan*) – 鹭鸶咯丸

Sample source

Commercially available Lusika Pills

Chemical reference substances

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

Preparation of test solution

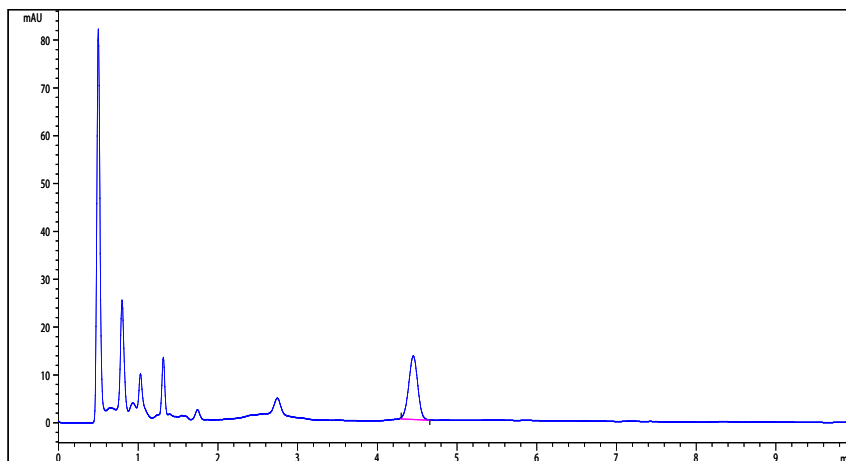
Grind a quantity of the pills. Accurately weigh 0.1 g in a stoppered conical flask and accurately add 10 mL of methanol, stopper tightly and weigh. Treat ultrasonically for 30 minutes, allow to cool. Weigh again and replenish the lost weight with methanol, mix well and filter through a millipore membrane (0.45 μm), use the filtrate as the test solution.

Chromatographic conditions

- Column: ZORBAX SB C18 4.6 \times 150 mm, 5 μm (883975-902)
- Column temperature: 35 $^{\circ}\text{C}$
- Mobile phase: acetonitrile-water (12:88)
- Detector wavelength: 238nm
- Flow rate: 1.5 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 _r
Geniposide	4.564	4.451	13.26	103.9	7456	0.96