

Yueju Pills (*Yueju Wan*) – 越鞠丸

Sample source

Commercially available Yueju Pills

Chemical reference substances

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

Preparation of test solution

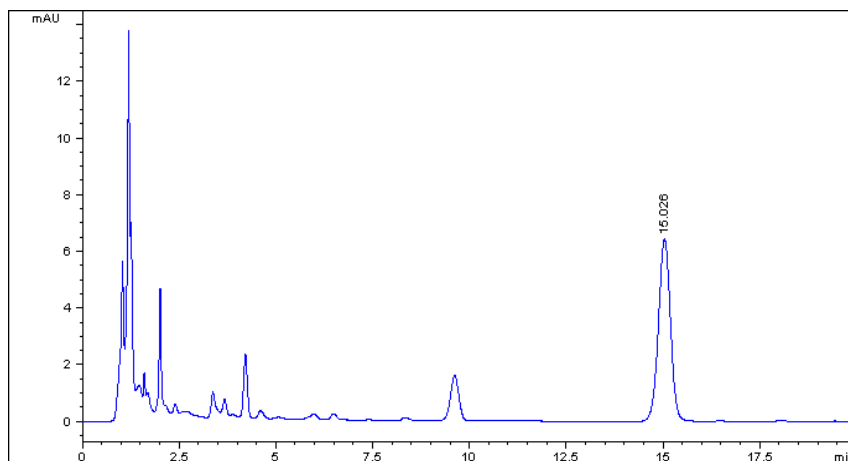
Grind a quantity of the pills to a fine powder. Accurately weigh 0.05 g in a stoppered conical flask, accurately add 25 mL of 50 % methanol, stopper tightly and weigh. Treat ultrasonically for 30 minutes, allow to cool, weigh again and replenish the lost weight with 50 % methanol. Mix well, filter and use the filtrate as the test solution.

Chromatographic conditions

- Column: ZORBAX SB C18 4.6×150 mm, 5 µm (883975-902)
- Column temperature: 40 °C
- Mobile phase: acetonitrile-water-phosphoric acid (9:91:0.1)
- Detector wavelength: 240 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 _r
Geniposide	11.522	15.026	6.40	136.3	11655	0.98