

Qipi Pills (*Qipi Wan*) – 启脾丸

Sample source

Commercially available Qipi Pills

Chemical reference substances

Ammonium glycyrrhizinate (National Institute for the Control of Pharmaceutical and Biological Products, Batch number 0731-9704)

Preparation of test solution

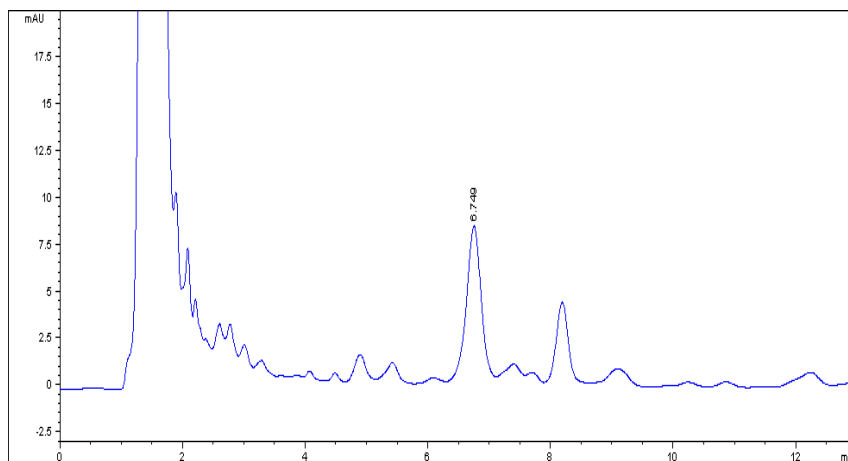
Cut the pills into pieces, mix well, accurately measure 0.2 g in a stoppered conical flask, accurately add 10 mL of the mobile phase, and weigh. Allow to stand overnight, treat ultrasonically for 30 minutes, allow to cool, weigh again, and replenish the lost weight with mobile phase. Mix well and filter, use the filtrate as the test solution.

Chromatographic conditions

- Column: ZORBAX SB C18 4.6×150 mm, 5 µm (883975-902)
- Column temperature: 35 °C
- Mobile phase: methanol-0.2mol/L ammonium acetate- glacial acetic acid (62:38:1)
- Detector wavelength: 250 nm
- Flow rate: 1.0 mL/min
- Injection volume: 10 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
Glycyrrhizinic acid	4.624	6.749	8.27	137.8	4188	0.97