

Sanqi Shangyao Tablets (*Sanqi Shangyao Pian*) – 三七伤药片

Sample source

Commercially available Sanqi Shangyao Tablets

Chemical reference substances

Naringin (National Institute for the Control of Pharmaceutical and Biological Products, Batch number 110722-200309)

Preparation of test solution

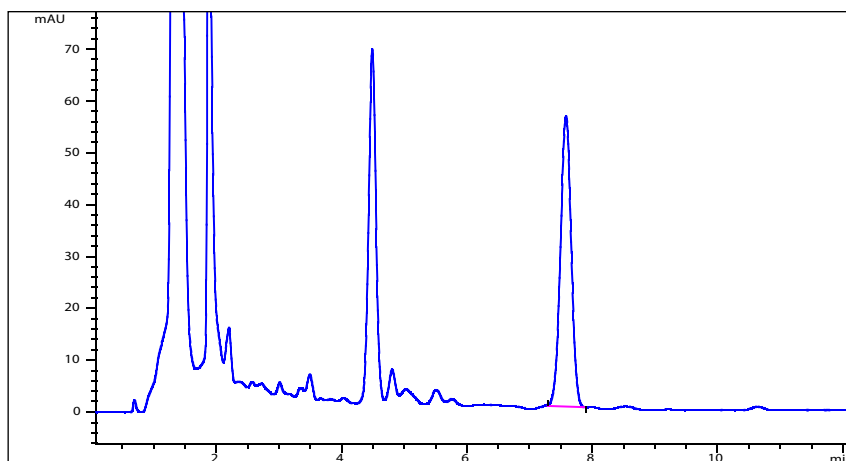
Remove the coatings from 20 tablets, grind to a fine powder, and accurately weigh 0.1 g of the powder in a stopper conical flask, accurately add 5 mL of methanol, stopper tightly and weigh. Treat ultrasonically for 30 minutes, allow to cool, weigh again, replenish the lost weight with methanol, mix well and centrifuge, separate the supernatant 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: acetonitrile-water (20:80)
- Detector wavelength: 283 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
Naringin	5.317	7.580	55.91	667.3	9359	0.98