

Manyprickle Acanthopanax Tablets (*Tabllea Acanthopanax Senticosi*) – 刺五加片

Sample source

Commercially available Manyprickle Acanthopanax Tablets

Chemical reference substances

Syringoside (National Institute for the Control of Pharmaceutical and Biological Products, Batch number 111574-200201)

Preparation of test solution

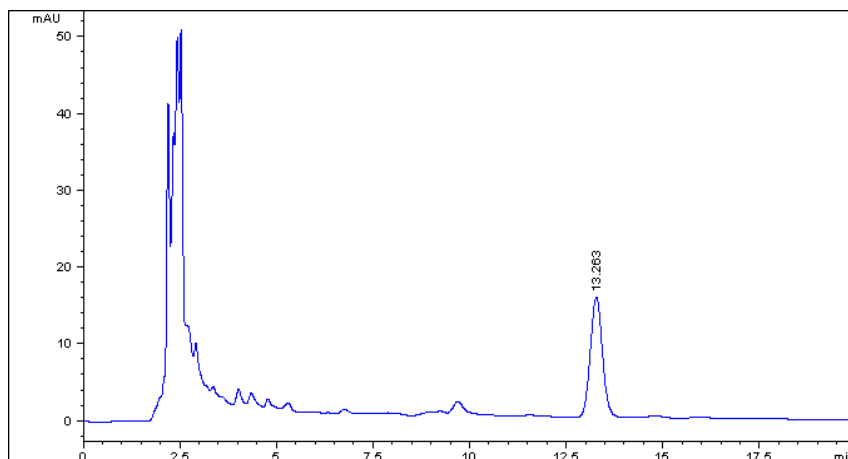
Remove sugar coating of 10 tablets and grind to a fine powder. Accurately weigh 0.48 g in a stoppered conical flask, accurately add 25 mL of methanol, stopper tightly and weigh. Treat ultrasonically for 10 minutes, allow to cool, weigh again, replenish the lost weight with methanol, mix well and filter, and use the filtrate as the test solution.

Chromatographic conditions

- Column: ZORBAX XDB C18 4.6×250 mm, 5 µm (990967-902)
- Column temperature: 25 °C
- Mobile phase: methanol-water (20:80)
- Detector wavelength: 265 nm
- Flow rate: 1.0 mL/min
- Injection volume: 3 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
Syringoside	4.305	13.263	15.59	335.7	8817	1.05