

Manyprickle Acanthopanax (*Radix et Rhizoma seu Caulis*)

刺五加

Sample source

Commercially available Manyprickle Acanthopanax

Chemical reference substances

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

Preparation of test solution

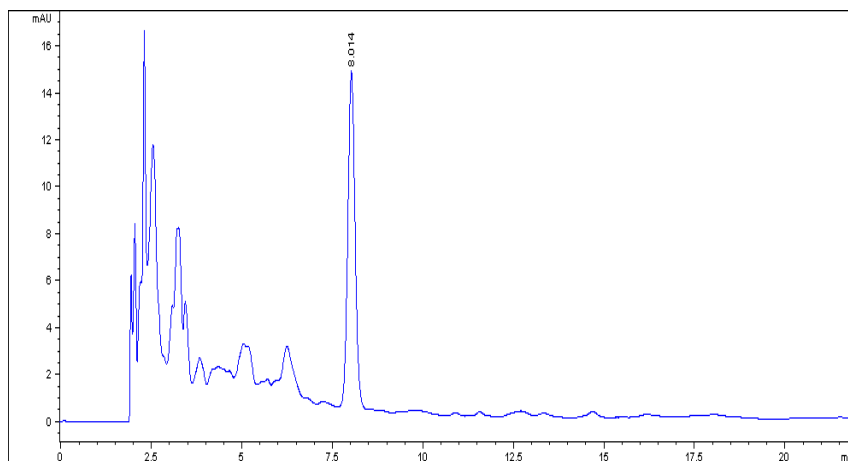
Accurately weigh 2 g of the powder in a stoppered conical flask, accurately add 25 mL of methanol, and weigh. Treat ultrasonically for 30 minutes, cool and weigh again, replenish the lost solvent with methanol and mix well, filter, use the filtrate as the test solution.

Chromatographic conditions

- Column: ZORBAX XDB C18 4.6×250 mm, 5 µm (990967-902)
- Column temperature: 30 °C
- Mobile phase: methanol-water (24:76)
- Detector wavelength: 265 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 diode-array 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	2.206	8.014	14.34	198.4	7984	1.05