

Manyprickle Acanthopanax Extract (*Extractum Acanthopanax Senticosi*) – 刺五加浸膏

Sample source

Commercially available Radix Acanthopanax Senticosi.

Chemical reference substances

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

Preparation of test solution

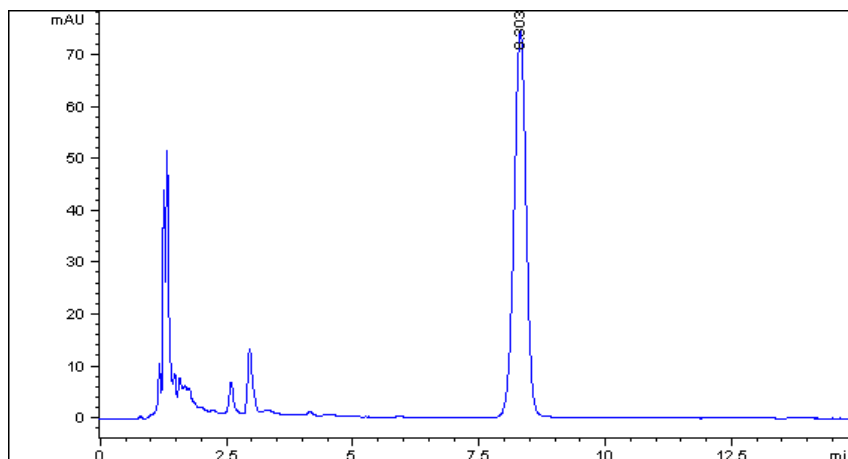
Grind 500 g to a coarse power, decoct twice with 5000 mL water, 3 hours for each time. Combine the decoctions, filter, and concentrate the filtrate to 25 g of extract. Accurately weigh 0.2 g in a 25 mL volumetric flask, dissolve in methanol and add to volume, shake well and filter. Use the filtrate as the test solution.

Chromatographic conditions

- Column: ZORBAX SB C18 4.6×150 mm, 5 µm (883975-902)
- Column temperature: 25 °C
- Mobile phase: methanol-water (20:80)
- 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	4.535	8.303	74.60	1238.3	5951	0.95