

Xueshuan Xinmaining Capsule (*Xueshuan Xinmaining Jiaonang*)

血栓心脉宁胶囊

Sample source

Commercially available Xueshuan Xinmaining Capsules

Chemical reference substances

Rutin (National Institute for the Control of Pharmaceutical and Biological Products, Batch number: 100080-200306)

Preparation of test solution

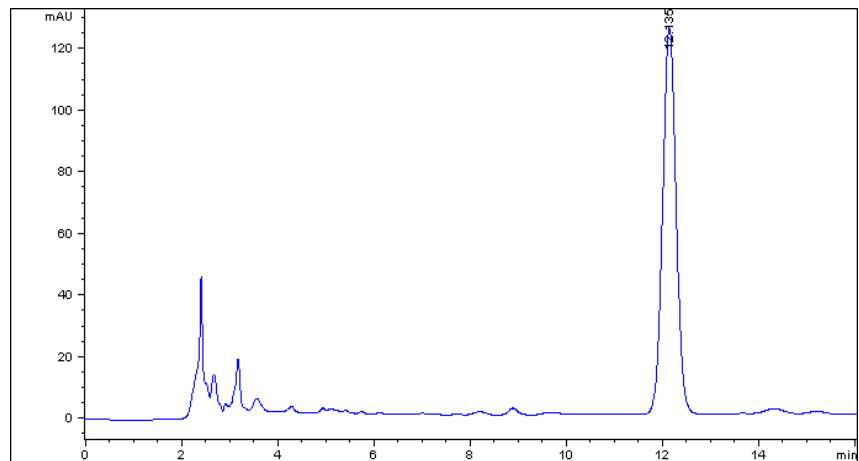
Mix the content of the capsules well, accurately weigh 0.5 g in a 50 mL volumetric flask. Add 45 mL of methanol, stopper tightly, treat ultrasonically for 30 minutes, allow to cool, add methanol to volume, mix well.

Chromatographic conditions

- Column: ZORBAX SB C18 4.6×250 mm, 5 µm (880975-902)
- Column temperature: 35 °C
- Mobile phase: methanol-1.82 % glacial acetic acid (40:60)
- Detector wavelength: 257 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
Rutin	3.854	12.135	125.24	2432.3	9269	1.04