

Yangxue Shengfa Jiaonan (*Yangxue Shengfa Jiaonang*)

养血生发胶囊

Sample source

Commercially available Yangxue Shengfa Jiaonang

Chemical reference substances

2,3,5,4'-tetrahydroxystibene-2-O-β-D-glucoside (National Institute for the Control of Pharmaceutical and Biological Products, Batch number: 0844-200003)

Preparation of test solution

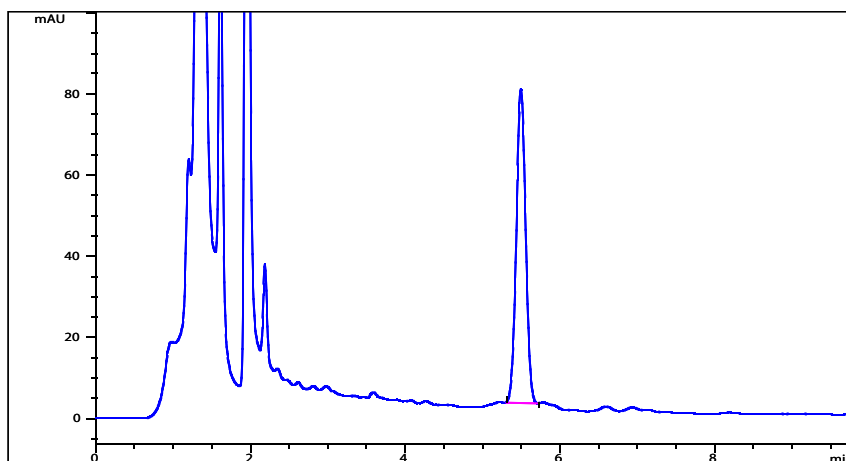
Grind the contents of the capsules to a fine powder and mix thoroughly. Accurately weigh 0.2 g in a stoppered conical flask, accurately add 10 mL of dilute ethanol TS and weigh. Heat under reflux for 30 minutes, allow to cool, replenish the lost weight with 50 % ethanol and mix well. Filter, and use 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 (19:81)
- Detector wavelength: 320 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
2,3,5,4'-Tetrahydroxystibene-2-O-β-D-glucoside	3.580	5.496	77.33	647.9	10246	1.00