

Fufang Guazijin Granules (*Fufang Guazijin Keli*) – 复方瓜子金颗粒

Sample source

Commercially available Fufang Guazijin Granules

Chemical reference substances

Aesculetin (National Institute for the Control of Pharmaceutical and Biological Products, Batch number 110741-200105)

Preparation of test solution

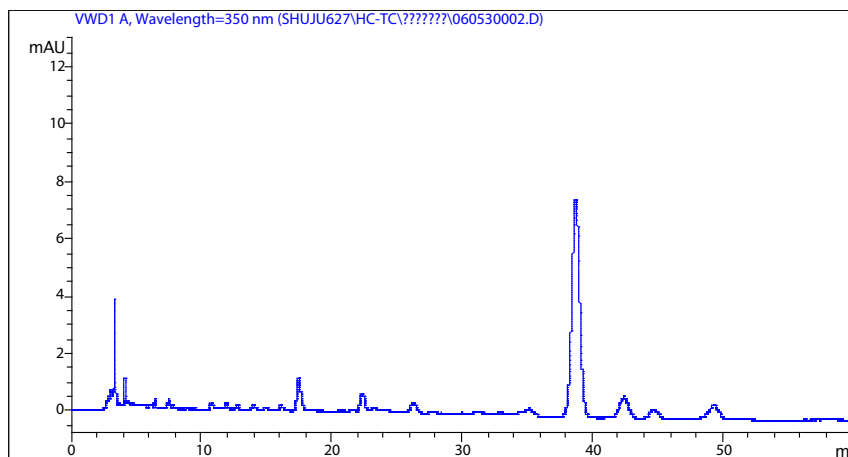
Grind the granules to a fine powder, accurately weigh 4 g in a stoppered conical flask, accurately add 25 mL of methanol, and weigh. Heat under reflux for 1 hour, allow to cool, weigh again, replenish the lost weight with methanol, and mix thoroughly. Filter, accurately measure 5 mL of the filtrate in a 10 mL volumetric flask, dilute with water to volume, mix well, filter and use the filtrate as the test solution.

Chromatographic conditions

- Column: Agilent TC-C18, 4.6×250 mm, 5 μm (518925-902)
- Column temperature: 25 °C
- Mobile phase: acetonitrile-0.1% phosphoric acid (7:93)
- Detector wavelength: 350 nm
- Flow rate: 1.0 mL/min

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	Rs	Ret Time (min)	Height (mAU)	Area (mAU*s)	n	USP T _r
Aesculetin	3.34	38.752	7.53	312.1	20271	0.995