

Xiaoqinglong Granules (*Xiaoqinglong Keli*) – 小青龙颗粒

Sample source

Commercially available Xiaoqinglong Granules

Chemical reference substances

Paeoniflorin (National Institute for the Control of Pharmaceutical and Biological Products, Batch number: 110736-200220)

Preparation of test solution

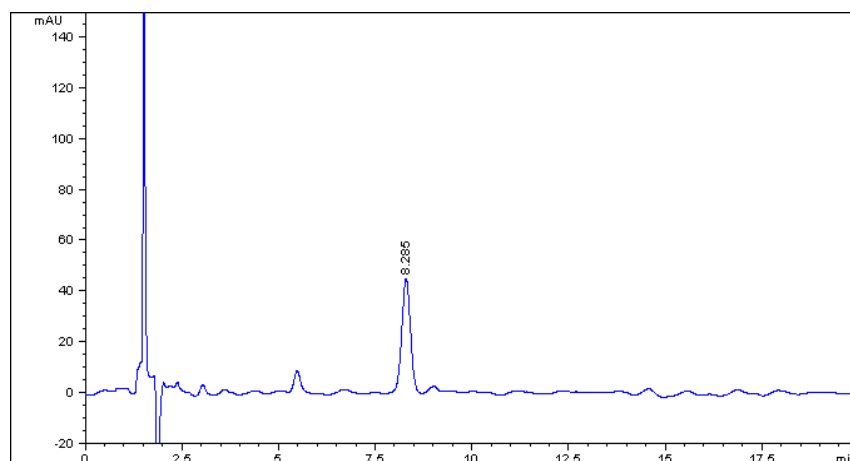
Grind the granules to fine a powder, accurately weigh 0.5 g of the powder in a 25 mL volumetric flask, add a quantity of methanol, treat ultrasonically for 30 minutes, allow to cool, dilute with methanol to volume, mix well, and filter.

Chromatographic conditions

- Column: ZORBAX SB C18 4.6×150 mm, 5 µm (883975-902)
- Column temperature: 25 °C
- Mobile phase: methanol-2 % acetic acid (containing 0.1 % isopropanol) (27:73)
- Detector wavelength: 230 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
Paeoniflorin	5.904	8.285	44.83	700.0	6589	1.00