

# Fimbriate Orostachys Herb (*Herba Orostachyis Fimbriati*) – 瓦松

## Sample source

Commercially available Fimbriate Orostachys Herb

## Chemical reference substances

1. Quercetin, 2. Kaempferol (National Institute for the Control of Pharmaceutical and Biological Products, Batch number: 1. 0081-9905, 2. 0864-9901)

## Preparation of test solution

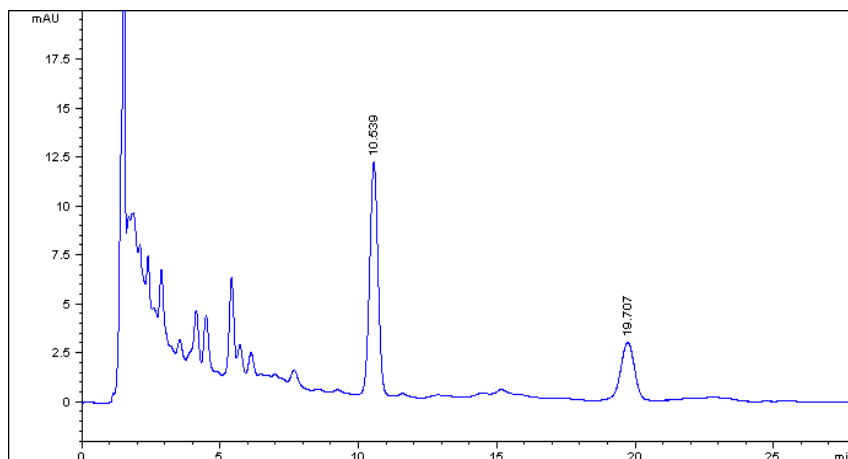
Accurately weigh 1 g of the fine powder in a stoppered conical flask, accurately add 50 mL of a mixture of methanol and 25 % hydrochloric acid solution (4:1), weigh, heat on a water bath for 1 hour, cool immediately, weigh again, replenish the lost weight with methanol, mix well, filter, use the filtrate 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-0.5% phosphoric acid (46:54)
- Detector wavelength: 360 nm
- Flow rate: 1.0 mL/min
- Injection volume: 10 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 <sub>r</sub>
Quercetin	6.026	10.539	11.93	247.2	5997	0.99
Kaempferol	12.138	19.707	2.93	98.1	8129	0.97