

# Shearer's Pyrrosia Leaf (*Folium Pyrrosiae*) – 石 韦

## Sample source

Commercially available Shearer's Pyrrosia Leaf (Anhui)

## Chemical reference substances

Chlorogenic acid (National Institute for the Control of Pharmaceutical and Biological Products, Batch number :110753-200212)

## Preparation of test solution

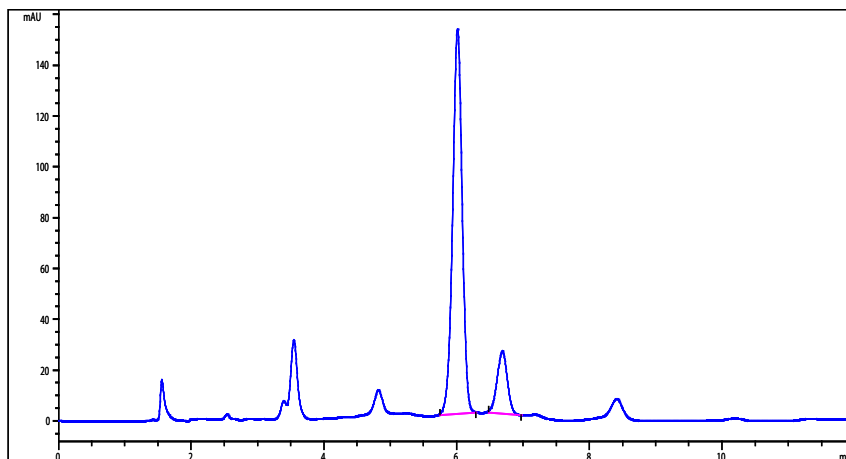
Accurately weigh 0.08 g of the powder in a stoppered conical flask, accurately add 10 mL of 50 % methanol, weigh, treat ultrasonicate for 45 minutes, allow to cool, weigh again, compensate the lost weight with 50 % methanol, mix well, filter, and use the filtrate as the test solution.

## Chromatographic conditions

- Column: ZORBAX SB C18 4.6×150 mm, 5 µm (883975-902)
- Column temperature: 35 °C
- Mobile phase: acetonitrile-0.1 % phosphoric acid (11:89)
- Detector wavelength: 326 nm
- Flow rate: 1.0 mL/min
- Inject 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>
Chlorogenic acid	4.012	6.015	151.48	1525.9	8485	0.96