

# Golden Larch Bark (*Cortex Pseudolaricis*) – 土荆皮

## Sample source

Commercially available Golden Larch Bark

## Chemical reference substances

pseudolaric acid (National Institute for the Control of Pharmaceutical and Biological Products, Batch number: 110880-200202)

## Preparation of test solution

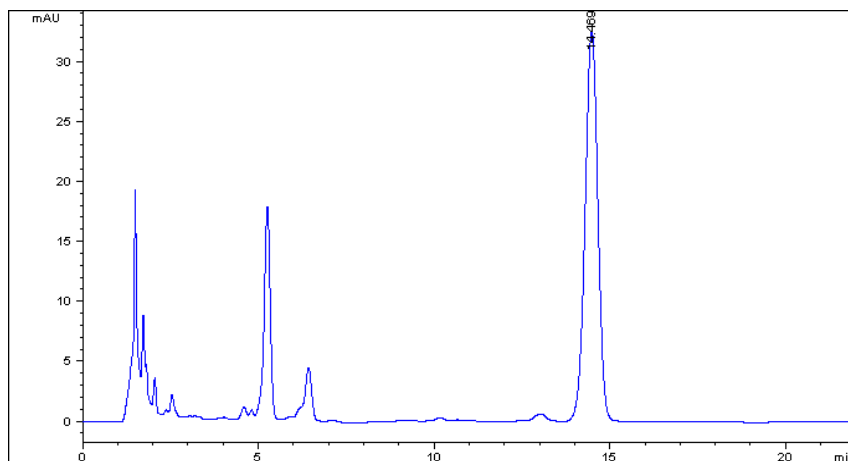
Accurately weigh 0.2 g of the powder in a stopper conical flask, accurately add 25 mL of methanol, weigh, heat on a water bath for 1 hour, allow to cool, weigh again, replenish the lost weight with methanol, mix well, filter, and use the filtrate as the test solution.

## Chromatographic conditions

- Column: ZORBAX XDB C8 4.6×150 mm, 5 µm (993967-906)
- Column temperature: 25 °C
- Mobile phase: methanol-1% glacial acetic acid (52:48)
- Detector wavelength: 260 nm
- Flow rate: 1.0 mL/min
- Inject 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 <sub>r</sub>
Pseudolaric acid	8.646	14.469	32.59	818.7	7889	0.96