

# Decumbent Corydalis Rhizome (*Rhizoma Corydalis Decumbentis*)

## 仙茅

### Sample source

Commercially available Decumbent Corydalis Rhizome

### Chemical reference substances

Curculigoside (National Institute for the Control of Pharmaceutical and Biological Products, Batch number: 110771-200203)

### Preparation of test solution

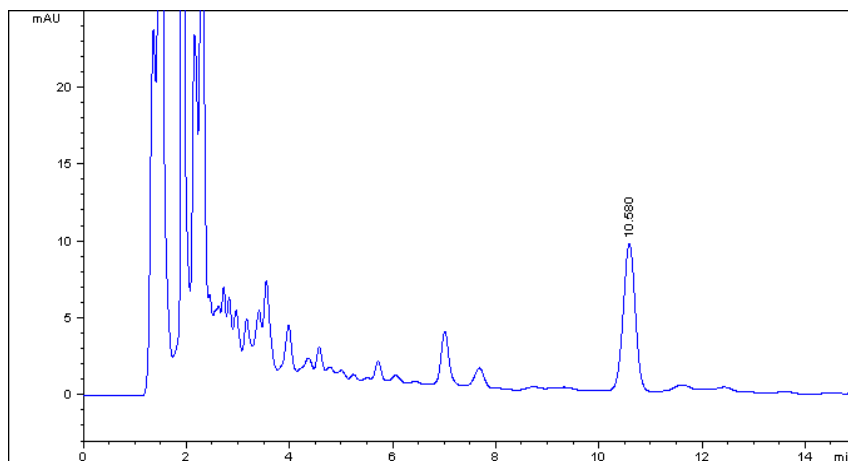
Accurately weigh 1 g of the powder in a stoppered conical flask, accurately add 50 mL of methanol and weigh. Heat under reflux for 2 hours, allow to cool, and weigh again, replenish the lost weight with methanol, mix well and filter. Evaporate accurately 20 mL of the filtrate to dryness, dissolve the residue in methanol, transfer to a 10 mL volumetric flask, dilute with methanol to volume and mix well.

### Chromatographic conditions

- Column: ZORBAX SB C18 4.6×250 mm, 5 µm (880975-902)
- Column temperature: 25 °C
- Mobile phase: acetonitrile-0.1 % phosphoric acid (20:80)
- Detector wavelength: 285 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 <sub>r</sub>
Curculigoside	7.817	10.580	9.57	154.0	9927	0.98