

# Meihua Dianshe Pills (*Meihua Dianshe Wan*) – 梅花点舌丸

## Sample source

Commercially available Meihua Dianshe Pills

## Chemical reference substances

Cinobufagin (National Institute for the Control of Pharmaceutical and Biological Products, Batch number 110803-200203)

## Preparation of test solution

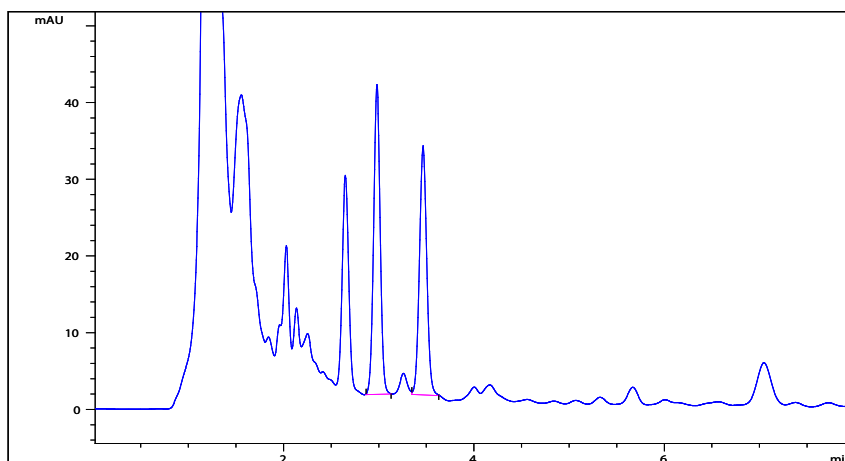
Grind the pills to a fine powder and accurately weigh 0.06 g in a 5 mL volumetric flask. Add 4 mL of methanol, treat ultrasonically for 30 minutes, allow to cool, dilute to volume with methanol, shake well. Filter through a millipore membrane (0.45  $\mu\text{m}$ ), and use the filtrate as the test solution.

## Chromatographic conditions

- Column: ZORBAX SB C18 4.6 $\times$ 150 mm, 5  $\mu\text{m}$  (883975-902)
- Column temperature: 35  $^{\circ}\text{C}$
- Mobile phase: acetonitrile-water (65:35)
- Detector wavelength: 296nm
- Flow rate: 1.0 mL/min
- Injection volume: 5  $\mu\text{L}$

## 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>
Cinobufagin	1.484	2.981	40.39	193.3	9287	1.02