

# Anzhong Tablets (*Anzhong Pian*) – 安中片

## Sample source

Commercially available Anzhong Tablets

## Chemical reference substances

Ammonium glycyrrhizinate (National Institute for the Control of Pharmaceutical and Biological Products, Batch number 0731-9704)

## Preparation of test solution

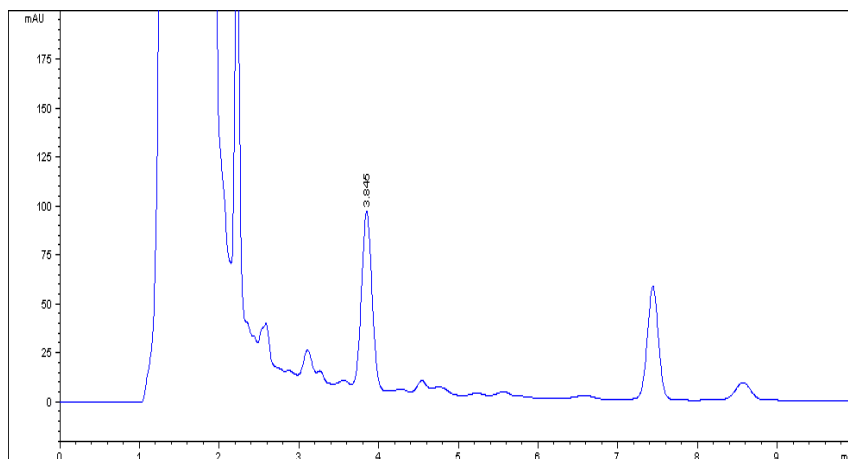
Accurately weigh 20 tablets or film-coated tablets with coating removed, grind well, accurately weigh 1 g in a stoppered conical flask, accurately add 10 mL of the mobile phase, stopper tightly and weigh. Treat ultrasonically for 30 minutes, allow to cool, weigh again, replenish the lost weight with the mobile phase, and 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: methanol-0.2mol/L ammonium acetate-glacial acetic acid (68:32:1)
- Detector wavelength: 252 nm
- Flow rate: 1.0 mL/min

## 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>
Glycyrrhizinic acid	2.204	3.845	89.95	815.3	4135	1.00