

# Weishuning Granules (*Weishuning Keli*) – 胃舒宁颗粒

## Sample source

Commercially available Weishuning Granules

## Chemical reference substances

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

## Preparation of test solution

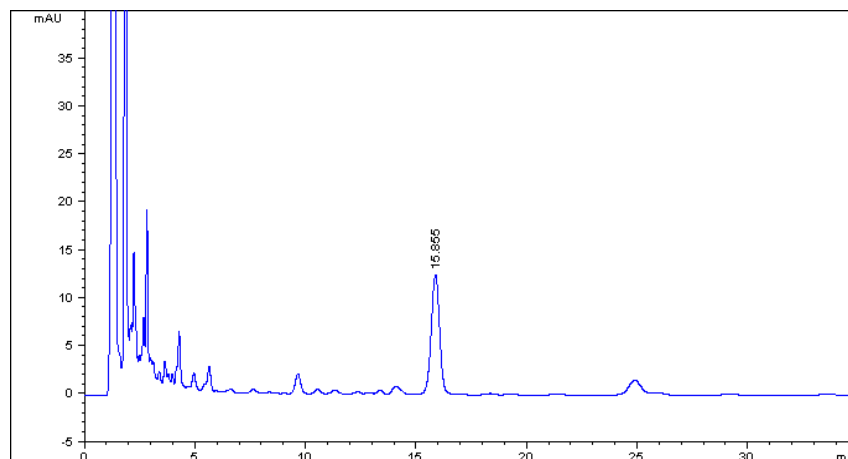
Grind a quantity of granules to a fine powder and mix thoroughly, accurately weigh 0.3 g in a stoppered conical flask, accurately add 25 mL of a mixture of methanol and 0.017 mol/L solution of phosphoric acid (65:35), stopper tightly and weigh, allow to soak for 1 hour, treat ultrasonically for 30 minutes, allow to cool, weigh again, replenish the lost the weight with the above mixture and mix 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: 25  $^{\circ}\text{C}$
- Mobile phase: acetonitrile-0.2 % phosphoric acid (33:67)
- Detector wavelength: 250 nm
- Flow rate: 1.0 mL/min
- Injection volume: 10  $\mu\text{L}$

## 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>
Glycyrrhizic acid	9.57	15.855	12.47	325.0	8793	0.99