

Bailing Capsules (*Bailing Jiaonang*) – 百令胶囊

Sample source

Commercially available Bailing Jiaonang

Chemical reference substances

Adenosine (National Institute for the Control of Pharmaceutical and Biological Products, Batch number 110879-200202)

Preparation of test solution

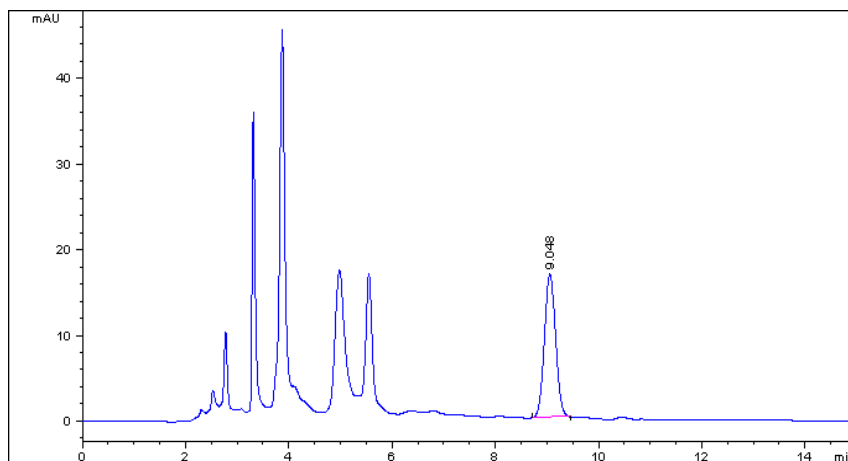
Accurately weigh 0.5 g of the content of the capsule in a stoppered conical flask, mix well. Accurately add 20 mL of ether, stoppered tightly, soak for 30 minutes, filter and discard ether. Evaporate the residue to dryness. Accurately add 50 mL of 0.5 % phosphoric acid, stopper tightly, accurately weigh, treat ultrasonically for 30 minutes, cool, accurately weigh again, replenish the lost weight with 0.5 % phosphoric acid, mix well and allow to stand. Filter the supernatant liquid through a millipore membrane (0.45 μm), use the filtrate as the test solution.

Chromatographic conditions

- Column: ZORBAX Bonus-RP, 4.6 \times 250 mm, 5 μm (880668-901)
- Column temperature: 25 $^{\circ}\text{C}$
- Mobile phase: acetonitrile-40 mmol/L potassium dihydrogen phosphate (6:94)
- Detector wavelength: 260 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 _r
Adenosine	2.619	9.048	16.74	252.5	8533	1.05