

Biyuanshu Mixture (*Biyuanshu Koufuye*) – 鼻渊舒口服液

Sample source

Commercially available Biyuanshu Mixture

Chemical reference substances

Geniposide (National Institute for the Control of Pharmaceutical and Biological Products, Batch number 110749-200309)

Preparation of test solution

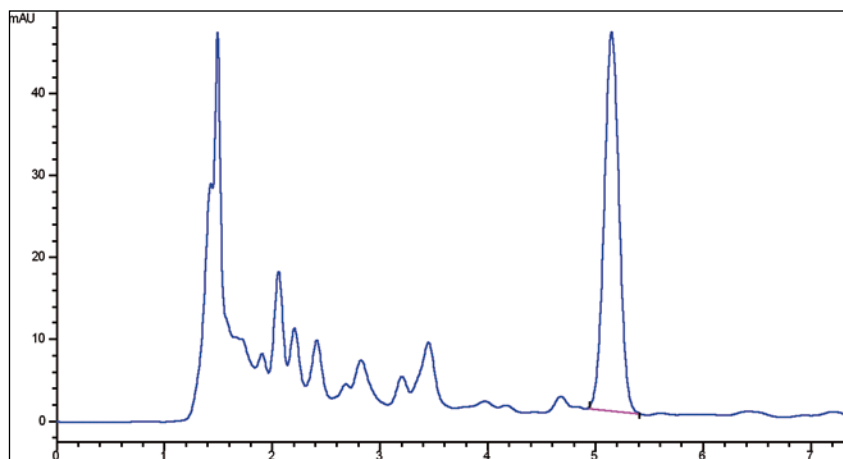
Accurately measure 0.1 mL of the mixture in a 10 mL volumetric flask, dilute with 50 % methanol to volume and shake thoroughly, filter through a millipore membrane (0.45 μm), filter and use the filtrate as the test solution.

Chromatographic conditions

- Column: ZORBAX SB C18 4.6 \times 150 mm, 5 μm (883975-902)
- Column temperature: 35 $^{\circ}\text{C}$
- Mobile phase: methanol-0.2 % phosphoric acid solution (30:70)
- Detector wavelength: 238 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
Geniposide	3.295	5.154	46.33	444.1	6790	0.99