

Qingwen Jiedu Pills (*Qingwen Jiedu Wan*) – 清瘟解毒丸

Sample source

Commercially available Qingwen Jiedu Pills

Chemical reference substances

Baicalin (National Institute for the Control of Pharmaceutical and Biological Products, Batch number 110715-200212)

Preparation of test solution

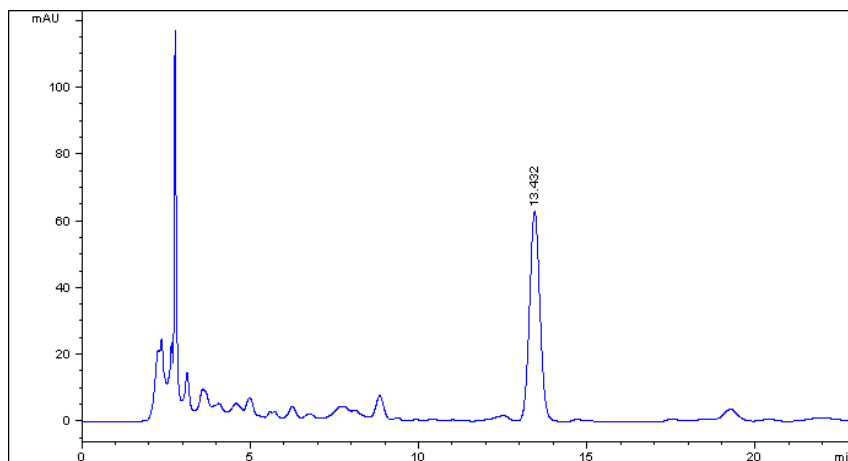
Cut a quantity of the pills into pieces, mix well, accurately weigh 1 g, grind with 0.5 g of kieselguhr, transfer to a stoppered conical flask, accurately add 50 mL of 70 % ethanol, stopper tightly, and weigh. Treat ultrasonically for 30 minutes, cool, weigh again, replenish the lost weight with 70 % ethanol, and shake well. Filter through a millipore membrane (0.45 μm) and used the filtrate as the test solution.

Chromatographic conditions

- Column: ZORBAX SB C18 4.6 \times 250 mm, 5 μm (880975-902)
- Column temperature: 25 $^{\circ}\text{C}$
- Mobile phase: methanol-water-phosphoric acid (47:53:0.2)
- Detector wavelength: 280 nm
- Flow rate: 1.0 mL/min
- Injection volume: 5 μL

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
Baicalin	4.373	13.432	62.68	1334.0	9313	1.05