



陕西绿清生物工程有限公司

Shaanxi Green Bio-Engineering Co.,Ltd

The purity testing of Icariin

Chromatographic conditions: C18 column; Acetonitrile-water (28.5:71.5) is used as mobile phase. The detection wavelength is 270nm.

Preparation of comparison product solution An appropriate amount of icariin comparison product is taken, accurately weighed, and methanol was added to make a solution containing 0.1mg for each 1ml, which was obtained.

Preparation of test solution

Precisely weigh about 30mg of the powder, add 25ml methanol to a 50ml volumetric flask for 5 minutes of ultrasound, add 20ml water to shake well and ultrasonic for 5 minutes, keep the volume of cooling water, take the filtrate, and get.

Determination Method The comparison product solution and test solution were respectively absorbed 20 μ l, injected into the liquid chromatograph, the determination was obtained.

Icariin ($C_{33}H_{40}O_{15}$) is not less than 10.0%.