



陕西绿清生物工程有限公司

Shaanxi Green Bio-Engineering Co.,Ltd

Daidzein Detection Method

Daidzein detection conditions

Mobile phase: methanol: water = 55:45

Chromatographic column: 4.6mm*150mm, 5 μ m.

Flow rate: 1ml/min

Detection wavelength: 249nm

Column temperature: 30 $^{\circ}$ C

Solution preparation

1. Preparation of reference solution: Precisely weigh about 10 mg of reference substance into a 25ml volumetric flask, add DMF and ultrasonically shake to dissolve it to prepare a reference solution, place it at room temperature and make the volume constant.

2. Sample solution preparation: Precisely weigh about 10mg of the sample into a 25ml volumetric flask, add DMF and ultrasonically shake to dissolve it to make a sample solution, place it at room temperature, and make the volume constant.

Assay

Under the above-mentioned chromatographic conditions, when the instrument is stable, the baseline is level, and the 0.45 μ m filter membrane is filtered, each 10 μ l of the reference substance and the sample solution are accurately drawn, injected into the liquid chromatograph, measured, and calculated by the external standard method.