



## Test Method

### Bakuchiol 99% HPLC

#### 1. Chromatographic conditions

Chromatographic column: SinoChrom ODS-BP 5 $\mu$ m 4.6 $\times$ 250mm

Mobile phase: methanol: water (grads)

Grads condition			
Time/min	0	35	60
MeOH	65	95	95
H2O	35	5	5

Flow rate: 0.8mL/min

Detection wavelength: 260nm

Column temperature: 25 $^{\circ}$ C

Sample size: 20 $\mu$ L

#### 2. Solution preparation

Preparation of Sample Solution: Accurately weigh about 2.5mg of bakuchiol sample in 25 ml of volumetric flask, add methanol and dissolve fully. Volume to scale with methanol.

#### 3. Sample determination

Under the above chromatographic conditions, after the stable baseline of the instrument is stable, inject bakuchiol sample.

#### 4. Calculation

Calculate the purity of bakuchiol using HPLC area normalization method.