

# Test Method for Identification of Tribulus Terrestris Extract

From CP for your info:

Take this product powder 3g, add chloroform 50ml, ultrasonic treatment for 30 minutes, filtered, discard the chloroform solution, the residue evaporated to dryness, add water 1ml, stir well, add water saturated butanol 50ml, ultrasonic treatment for 30 minutes, Partition supernatant, plus 2 times the amount of ammonia test solution was washed, discard lotion, n-butanol solution, evaporated to dryness, the residue add methanol 1ml to dissolve, as the test solution.

Another Tribulus terrestris control herbs 3g, with the legal system as a reference solution. Thin layer chromatography (General 0502) test, draw the two solutions of 5, respectively, point in the same silica gel G plate, with chloroform - methanol - water (13: 7: 2) placed below 10 °C The lower solution for the developer, expand, remove, dry, spray to improve p-dimethylaminobenzaldehyde solution (p-dimethylaminobenzaldehyde 1g, add hydrochloric acid 34ml, methanol 100ml, shake, that is), at 105 °C Heating to the spot color clear.

Chromatogram for the test, the corresponding position with the reference drug chromatography, was the same color spots.