

**Sample preparation:** Take appropriate amount of the sample, weighed accurately, add 50% ethanol to the bottle (tube) to the nominal capacity, and tighten the cap of the bottle (tube) [Heat to seal the tail of the bottle (tube) with a heat sealer at 140~170℃ and 0.2~0.4MPa for 2 seconds. Or customize heat sealing conditions and sealing methods according to the characteristics of the product, process and production equipment].

| Cap Diameter (mm) | Torque (N•cm) |
|-------------------|---------------|
| 15~20             | 25~110        |
| 21~30             | 25~145        |
| 31~40             | 25~180        |

Note 2: For the pharmaceutical plastic composite tubes in topical ointments, in order to ensure the sealing of the tube mouth, tighten the tube cap and the tube body with appropriate torque according to the shape and size of the composite tubes when necessary.

$$\text{The Transmission of ethanol vapor} = \frac{W_1 - W_2}{W_1 - W_0} \times 100\%$$

$W_2$  is the weight of the container and solvent after test, g.