

LILY



This product is the dried fleshy scales of *Lilium landfolium* Thunb., *Lilium brownii* F.E. Brown var. *viridulum* Baker or *Lilium pumilum* DC. of the Liliaceae family. It is collected in autumn, washed, peeled, slightly blanched in boiling water, and dried.

【 PROPERTIES 】

This product is oblong, 2-5cm long, 1-2cm wide, and 13-4mm thick in the middle. The surface is yellowish white to light brownish yellow, some with a slight purple tint, and has several vertical and parallel white vascular bundles. The top is slightly pointed, the base is wider, the edge is thin, wavy, and slightly curved inward. It is hard and brittle, with a relatively flat cross section and horny. It has a slight odor and tastes slightly bitter.

【 IDENTIFICATION 】

Take 1g of this product powder, add 10ml of methanol, ultrasonically treat for 20 minutes, filter, and concentrate the filtrate to 1ml as the test solution. Take 1g of lily control medicinal material and prepare the control medicinal material solution in the same way. According to the thin layer chromatography method (General Rule 0502), 10R of each of the above two solutions are taken and spotted on the same silica gel G thin layer plate, and the upper layer solution of petroleum nitrile (60~90°C)-ethyl acetate-formic acid (15:5:1) is used as the developing agent. Develop, take out, dry, spray with 10% phosphodiester ethanol solution, and heat until the spots are clearly colored. In the chromatogram of the test sample, spots of the same color appear at the corresponding position of the chromatogram of the control medicinal material.

【 INSPECTION 】

Water content shall not exceed 13.0% (General Rule 0832 Method 2).

Total ash content shall not exceed 5.0% (General Rule 2302).

【 EXTRACT 】

According to the cold leaching method under the water-soluble extract determination method (General Rule 2201), it shall not be less than 18.0%.

【 CONTENT DETERMINATION 】

Preparation of reference solution Accurately weigh 50 g of anhydrous glucose reference substance dried to constant weight at 105°C, place in a 50 ml volumetric flask, add water to dissolve and dilute to scale, shake well, and obtain (1 mg of anhydrous glucose per 1 ml).

Preparation of standard curve Accurately measure 20ml, 25ml, 3.0ml, 35ml, 40ml, 45ml of reference solution, place in 50ml volumetric flasks, add water to the mark, shake well, accurately measure 1ml of each solution, place in brown stoppered test tubes, add 4.0ml of 0.2% anthracene-sulfuric acid solution, mix well, quickly cool in an ice water bath, heat in a boiling water bath for 10 minutes, take out, place in an ice water bath for 5 minutes, place at room temperature for 10 minutes, use the corresponding reagent as blank, measure absorbance at a wavelength of 580nm according to UV-visible spectrophotometry (General Rule 0401), draw a standard curve with absorbance as the ordinate and concentration as the abscissa. **Determination method** Take about 1g of the powder of this product (passed through a No. 4 sieve), accurately weigh it, put it in a round-bottom flask, accurately add 100ml of water, weigh it, heat and reflux for 2 hours, cool it, weigh it again, make up the lost weight with water, shake it well, centrifuge it, accurately measure 1.5ml of the supernatant, add 7.5ml of ethanol, shake it well, centrifuge it, take the precipitate and dissolve it in water, put it in a 50ml volumetric flask, and dilute it to the scale, shake it well, accurately measure 1ml, and measure the absorbance according to the method under the preparation of the standard curve, starting from "add 4.0ml of 0.2% anthranone-sulfuric acid solution", read the weight (mg) of anhydrous glucose in the test solution from the standard curve, and calculate it. This product is calculated as a dry product, and the lily

MEDICINAL PIECES

【 PROCESSING 】

Lily removes impurities. **Honey Lily** Take clean lily and stir-fry it according to the honey roasting method (General Rule 0213) until it is not sticky. For every 100kg of lily, use 5kg of refined honey

【 PROPERTIES 】

This product is shaped like lily, with brown-yellow surface, occasional burnt spots, and slightly sticky. Sweet taste.

【 INSPECTION 】

(Water content) Same as medicinal materials.

【 PROPERTIES AND MERIDIANS 】

Nourishes yin and moistens the lungs, clears the heart and calms the mind. Used for yin deficiency and dry cough, cough due to fatigue and hemoptysis, restlessness and palpitations, insomnia and dreaminess, and mental confusion.

【 USAGE AND DOSAGE 】

6~12g.

【 STORAGE 】

Place in a ventilated and dry place.

