

TRICHOSANTHES



This product is the dried mature fruit of *Trichosanthes kirilowii* Maxim. or *Trichosanthes rosthornii* Harms of the Cucurbitaceae family. When the fruit is ripe in autumn, cut it off with the fruit stalk and place it in a ventilated place to dry in the shade.

【 PROPERTIES 】

This product is spherical or broadly oval, 7-15cm long and 6-10cm in diameter. The surface is orange-red or orange-yellow, wrinkled or relatively smooth, with rounded style residues at the top, slightly pointed at the base, and with residual fruit stalks. The weight varies. It is brittle and easy to break. The inner surface is yellow-white with red-yellow silk veins. The fruit gourd is orange-yellow and sticky, and sticks together with most seeds. It has a caramel smell and tastes slightly sour and sweet.

【 IDENTIFICATION 】

(1) The powder of this product is yellow-brown to brown-brown. There are many stone cells, several in groups or scattered individually, yellow-green or light yellow, and they are square or round polygonal in shape. The pores are fine and obvious. The epidermal cells of the pericarp are square or polygonal in appearance, and the thickness of the anticlimax wall varies. The epidermal cells of the seed coat are polygonal or irregular in appearance, and the flat wall has slightly curved or straight keratinous stripes. The thick-walled cells are large, mostly scattered, brown, and of various shapes. Threaded vessels and reticular vessels are common.

(2) Take 2g of the powder of this product, add 20ml of methanol, ultrasonically treat for 20 minutes, filter, evaporate the filtrate, add 5ml of water to the residue to dissolve, shake and extract 4 times with water-saturated n-butanol, 5ml each time, combine the n-butanol solution, evaporate to dryness, add 2ml of methanol to the residue to dissolve, and use it as the test solution. Take another 2g of the control medicinal material of Cucurbitacin and prepare the control medicinal material solution in the same way. According to the thin layer chromatography method (General Rule 0502), take 4R of each of the above two solutions and spot them on the same silica gel G thin layer plate, use ethyl acetate-methanol-formic acid-water (12:1:0.1:0.1) as the developing solvent, develop, take out, dry, spray with 10% sulfuric acid ethanol solution, and heat at 105°C until the spots are clearly colored. Place under sunlight and ultraviolet light (365nm) for inspection. In the chromatogram of the test sample, spots of the same color or fluorescent spots appear at the corresponding positions of the chromatogram of the control medicinal material.

【 INSPECTION 】

The moisture content shall not exceed 16.0% (General Rule 0832 Method 2).

Total ash content shall not exceed 7.0% (General Rule 2302).

【 EXTRACT 】

Determined by the hot leaching method under the water-soluble extract determination method (General Rule 2201), it shall not be less than 31.0%.

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DECOCTION PIECES

【 PROCESSING 】

Flatten, cut into strips or cut into pieces.

【 PROPERTIES 】

This product is in irregular filaments or blocks. The outer surface is orange-red or orange-yellow, wrinkled or relatively smooth; the inner surface is yellow-white with red-yellow silk veins, the fruit is orange-yellow, and it is glued together with most seeds. It has a caramel smell and tastes slightly sour and sweet.

【 IDENTIFICATION 】 【 INSPECTION 】 【 EXTRACT 】

Same as medicinal materials.

【 NATURE AND FLAVOR AND MERIDIANS 】

Sweet, slightly bitter, cold. Enters the lung, stomach, and large intestine meridians.

【 FUNCTIONS AND INDICATIONS 】

Clears heat and removes phlegm, relieves chest tightness and resolves stagnation, moistens and lubricates the intestines. Used for lung heat cough, turbid yellow and thick phlegm, chest pain, chest congestion, breast abscess, lung abscess, intestinal abscess, and constipation.

【 USAGE AND DOSAGE 】

9~15g.

【 NOTE 】

It should not be used with Chuanwu, processed Chuanwu, Caowu, processed Caowu, and Fuzi.

【 STORAGE 】

Put in a cool and dry place to prevent mold and moth.

