

DRIED GINGER



This product is the dried rhizome of *Zingiber officinale* Rose. It is dug in winter, the fibrous roots and sand are removed, and it is dried in the sun or at low temperature. The sliced ginger slices that are dried in the sun or at low temperature while fresh are called "dried ginger slices".

【 PROPERTIES 】

Dried ginger is flat and blocky, with finger-like branches, 3 to 7 cm long and 1 to 2 cm thick. The surface is grayish yellow or light grayish brown, rough, with longitudinal wrinkles and obvious links. There are often remnants of scale leaves at the branches, and there are stem scars or buds at the top of the branches. The texture is solid, the cross section is yellowish white or grayish white, powdery or granular, the inner cortex has obvious ring patterns, and the vascular bundles and yellow oil spots are scattered. The aroma is unique and the taste is spicy. Dried ginger slices are irregular longitudinal or oblique slices, with finger-like branches, 1 to 6 cm long, 1 to 2 cm wide, and 0.2 to 0.4 cm thick. The outer skin is grayish yellow or light yellowish brown, rough, with longitudinal wrinkles and obvious links. The cross section is grayish yellow or grayish white, slightly powdery, with more longitudinal fibers visible, some of which are hairy. The texture is solid and the cross section is fibrous. The aroma is unique and the taste is spicy.

【 IDENTIFICATION 】

(1) The powder of this product is light yellowish brown. There are many starch grains, which are oblong, triangular-oval, elliptical, sub-circular or irregular in shape, with a diameter of 5 to 40 μm . The umbilicus is dot-like and located at the smaller end. Some are in the form of cracks, and some have obvious stratification. Oil cells and resin cells are scattered in the parenchyma, containing light yellow oil droplets or dark red-brown substances. The fibers are bundled or scattered, with blunt tips, a few are forked, and some have one side that is wavy or serrated, with a diameter of 15 to 40 μm , slightly thick walls, non-lignified, with oblique fine pores, and thin transverse septa can often be seen. Scalar vessels, spiral vessels and reticulate vessels are common, and a few are annular vessels, with a diameter of 15 to 70 μm . Tubular cells containing dark red-brown substances can sometimes be seen next to the vessels or fibers, with a diameter of 12 to 20 μm .

(2) Take 1 g of the powder of this product, add 20 ml of ethyl acetate, ultrasonically treat for 10 minutes, filter, and take the filtrate as the test solution. Take another 1g of dried ginger as a control medicinal material, and the same color spots will appear at the same position.

【 EXTRACT 】

Same medicinal material, not less than 26.0%.

【 CONTENT DETERMINATION 】

Same medicinal material, 6-gingerol ($\text{C}_{17}\text{H}_{26}\text{O}_4$) shall not be less than 0.050%.



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【 NATURE AND FLAVOR AND MERIDIANS 】

Spicy, hot. Enter the spleen, stomach, kidney, heart, and lung meridians.

【 FUNCTION AND INDICATIONS 】

Warm the middle and dispel cold, restore yang and dredge the meridians, warm the lungs and transform fluid. Used for cold pain in the abdomen, vomiting and diarrhea, cold limbs and weak pulse, asthma and cough caused by cold fluid.

【 USAGE AND DOSAGE 】

3~10g.

【 STORAGE 】

Put in a cool and dry place to prevent moth.

【 PREPARATION 】

Ginger extract.

