

TECHNICAL DATA SHEET

Schisandra P.E.

Schizandrin 5.0% HPLC

Chemical Properties

Plant source: *Schisandra Chinensis*(Turcz.) Baill.

Used part: Fruit

Extract Solvent: Ethanol & Water

Description

This product is extracted from the dry and ripe fruit of *Schisandra chinensis* (Turcz.) Baill. It can nourish and strengthen the body, has high medicinal value and the effect of strengthening the body.

Solubility

Partially soluble in water.

Specification

| Item | Specification | Test Method |
|------------------------------|----------------------------|--------------|
| Appearance | Yellow-white to tan powder | Visual |
| Odor & taste | Characteristic | Organoleptic |
| Identification(TLC) | Identical to R.S. sample | In-house |
| Assay(Schizandrin) | Min 5.0% | HPLC,CP2015 |
| Particle size | Max 95% pass 80 mesh | CP2015 |
| Loss on Drying | Max 5.0% | CP2015 |
| Heavy metals | Max 20ppm | CP2015 |
| Arsenic (As) | Max 2ppm | CP2015 |
| Residual of solvent(Ethanol) | Max 0.05% | GC,in-house |
| Total Plate Count | Max 1000 cfu/g | CP2015 |
| Yeast & Mold | Max 100 cfu/g | CP2015 |
| <i>E.Coli</i> | Negative | CP2015 |
| <i>Salmonella</i> | Negative | CP2015 |
| <i>Staphylococcus aureus</i> | Negative | CP2015 |

Ingredients

Schisandra P.E. Schizandrin min 5.0%

Labeling

In the United States and the European Union: Schisandra P.E.

Functions

- 1). It has the effect of anti-liver injury.
- 2). It can strengthen the myocardial contractility and increase vascular tension.
- 3). It can enhance the body's ability to defend non-specific stimuli.
- 4). It has antibacterial effect.
- 5). It has a wide range of central inhibitory effects.

Applications

This product can be widely used in medicine and health care products.

Safety

This product is safe for the intended use. Avoid ingestion, inhalation of dust or direct contact by applying suitable protective measures and personal hygiene. See Material Safety Data Sheet for full safety information.

Handling recommendations

Keep container dry. Keep in a cool place. Ground all equipment containing material. Keep container tightly closed. Keep in a cool, well-ventilated place. Combustible materials should be stored away from extreme heat and away from strong oxidizing agents.

Packaging, Storage & Shelf Life

| | |
|------------|--|
| Package | Packed in paper-drums and two plastic-bags inside, N.W:25kg; or according to customers' requirements. |
| Storage | Store in a well-closed container away from moisture, light and oxygen. |
| Shelf Life | 2 years under the conditions above and in its original packing. |