

SOUTHERN SCHIZANDRA BERRY LIQUID EXTRACT



KEY BENEFITS

- *Schisandra sphenanthera* Rehd. et Wils. known as Southern Schizandra berry, rich in skin bioactives
- *Sustainably grown* in a panda-friendly wildlife preserve
- A traditional herb with thousands of years of historical use
- Very rich in the antioxidant and anti-inflammatory bioactive compounds known as lignans
- Also abundant in organic acids, flavonoids, phytosterols, etc.
- Composition: Schisandra sphenanthera Fruit Extract, Water, Glycerin, Caprylhydroxamic Acid, 1,2-Hexanediol, 1,3-Propanediol
- Appearance: Light yellow to yellow liquid
- Production Process: Extracted through a full-spectrum process using polyols and water
- Recommended Dosage: 0.5-5%

Antiaging by anti-inflammatory and cell viability promoting effects

- Does not cause skin irritation
- Reduces chemical contact dermatitis
- Inhibits swelling, suppresses inflammatory immune factors that damage the skin
- Anti-inflammatory actions by inhibiting IL-1 β , IL-6, and TNF- α expression in LPS-treated HaCaT cells
- Non-polar actives inhibitory at only 0.002% for COX-2 redness causing skin inflammation
- Reduces the ultraviolet-B (UVB)-induced inflammatory PGE2 production in HaCaT keratinocytes
- Water soluble polysaccharides scavenge superoxide anion free radical, hydroxyl radical and DPPH free radicals
- Notable antioxidant effect by restoring cell viability to 77.57%, 89.52 at concentrations of 0.01% and 0.05%, respectively



Other benefits

- Improves skin barrier function and wound healing
- Schisandrin B also exhibits skin-brightening activity by mainly inhibiting tyrosinase enzyme
- Reduces skin pigmentation (melanin) through multiple pathways, with no cytotoxicity
- Schisandra extract significantly inhibits toxin-induced itching and histamine release