

# Ophiopogon Japonicus Root Extract for skin and body

Ophiopogon japonicus root extract has been used in traditional Chinese medicine and also a food ingredient for a long time in China.

## What are the benefits of Ophiopogon Japonicus Root Extract?

- **It moisturizes the skin:** ophiopogon japonicus root extract helps to moisturize the skin and prevent dryness.
- **It is an antioxidant:** the root of Ophiopogon japonicus contained 17 different homoisoflavonoid compounds. Two major isolated homoisoflavonoid compounds (methylophiopogonanone A and methylophiopogonanone B) showed high antioxidant content.
- **It contains steroidal saponins, homoisoflavonoids, and polysaccharides:** which exhibited many pharmacological activities, such as cardiovascular protection, anti-inflammation, anticancer, immunomodulation, cough relief, antimicrobial, and anti-diabetes.
- **It is anti-inflammatory:** there are studies showing that ophiopogon japonicus root extract can soothe and calm atopic dermatitis because of its anti-inflammatory properties.

## Who can use it?

Ophiopogon japonicus root extract is suitable for all skin types including sensitive skin and skin of colour, but you should make sure you do not have any allergic reaction to this root extract

Rating: **BEST**

Categories: [Plant Extracts](#), [Antioxidant](#)

### Ophiopogon Japonicus Root Extract at a Glance

- Plant extract with pronounced soothing and anti-redness benefits
- Roots are a rich source of skin-soothing antioxidants known as homoisoflavonoids
- Interrupts pathways that lead to signs of irritation

- Native to southeast Asia and used in Chinese Medicine

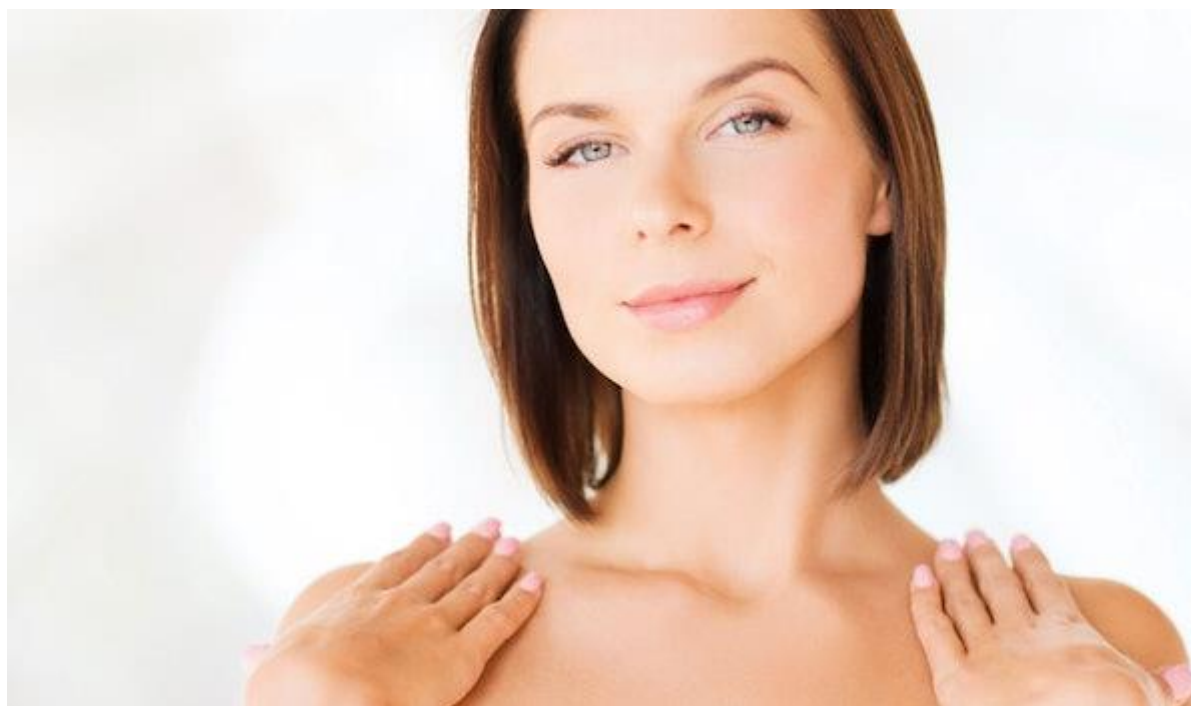
## **Ophiopogon Japonicus Root Extract Description**

*Ophiopogon japonicus* root extract is from a perennial evergreen plant native to southeast Asia, where it has a long history of various uses in the practice of Chinese Medicine. Research on the root of this plant has revealed it's a rich source of a type of antioxidant known as homoisoflavonoids. Over a dozen have been identified in this plant, with two being especially good at reducing signs of irritation due to their pronounced soothing effect. This is complemented by the root's saponin content, which are sources of carbohydrates in this plant.

Along with calming signs of irritation, *Ophiopogon japonicus* root extract also helps to visibly strengthen skin's barrier by boosting a key ingredient (urea) in skin's surface layers that's part of its natural moisturizing factors. Doing so helps prevent water loss and maintain adequate hydration, as does the root's mix of complex sugars known as polysaccharides.

Usage levels of *Ophiopogon japonicus* root extract as a blend with butylene glycol ranges from 1–5%. As you may have gathered, this plant extract has particular value for those with sensitive skin.

## **Ophiopogon Japonicus Clinically Proven to Calm Atopic Dermatitis**



**published in the journal *Acta Dermato-Venereologica*, reveals the clinical efficacy of a polysaccharide from *Ophiopogon japonicus* to reduce atopic dermatitis (AD) flares in Caucasian patients.**

Topical treatments for AD typically include corticosteroids and calcineurin inhibitors, despite the frequently observed adverse events they can cause, including skin atrophy, itching and burning sensations. For this reason, SILAB sought to identify an alternative [natural solution](#).

The company isolated and purified a fructosan-rich natural active molecule from *Ophiopogon japonicus*, a plant of [traditional Chinese medicine](#), and tested its ability to prolong the period of remission between two flares. The clinical efficacy of the natural actives, when added to Bayer's Diprobase brand skin care, was evaluated in partnership with the contract research organization [ClinReal Online](#), which specializes in dermatology.

A randomized, double-blind, placebo-controlled trial was conducted in 104 Caucasian children and 144 Caucasian adults presenting with slight to moderate AD. The results obtained for both groups showed reductions in AD scores (SCORAD2) and an improvement in the quality of life of patients and their families. Moreover, a significant reduction in relapse rates validated the benefit of topical care containing these natural molecules.

The present work builds on [previous research](#) and further demonstrates the ability of the ingredient to maintain the AD remission phase.

## References

1. Rouaud-Tinguely, et al. (2015). *British Journal of Dermatology* 173(4) 1006-1014
2. Verzeaux, et al. (2018). *Experimental Dermatology* 27(4) 403-408.