



Special  
chemicals

# SCH Actives™ Stretch Marks

Actives for the skin



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# 01 Introduction

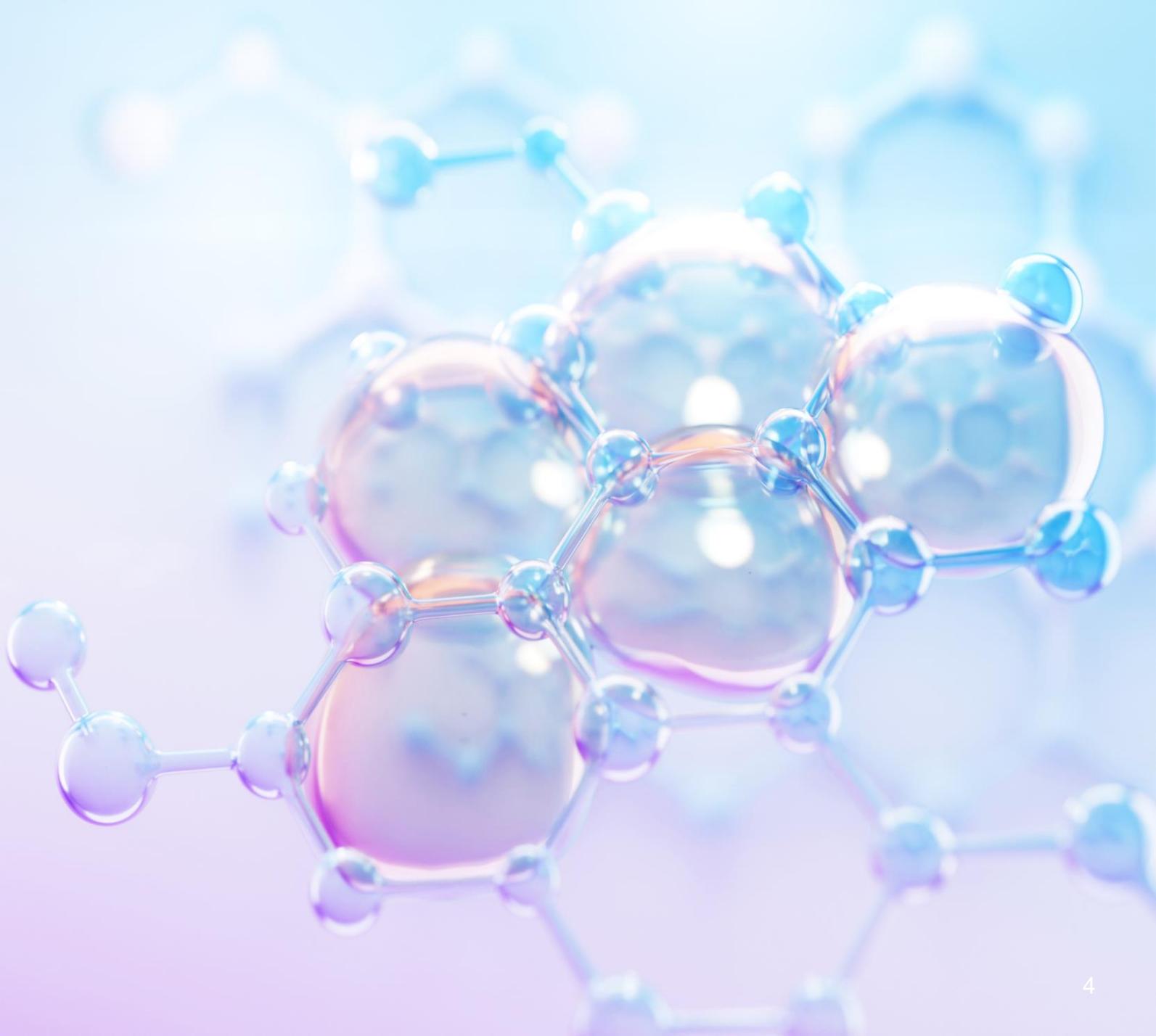
# 01

## Introduction

Therapeutic and prophylactic management of stretch marks aims **to increase collagen production, restore elastin fibers and recover epidermal thickness.**

Stretch marks (*Striae distensae*) are common dermal lesions which arise due to the stretching of the dermis. The most common anatomical locations which are affected by stretch marks are the abdomen, breasts, buttocks and thighs.

Elastolysis of the mid-dermis is evident due to mast cell degranulation and stimulation of macrophages. Stimulation of collagen and elastin synthesis is one of the keys to recover tissue integrity and density.





# 01 Composition

## INGREDIENTS

## %

## FUNCTION

Aqua	Up to 100	Solvent
Xanthan gum	0,4 – 0,6	Thickening agent
<b>Oligopeptide-24</b>	0,01	Active
<b>Asiaticoside</b>	0,014 – 0,016	Active
Propanediol	4 – 6	Preservative
1,2-hexanediol	0,8 – 1,2	Preservative
Caprylyl glycol	0,8 – 1,2	Preservative



Visibly reduces stretch marks and improves skin firmness and elasticity



Stimulates collagen regeneration, achieving a more even skin





# 02

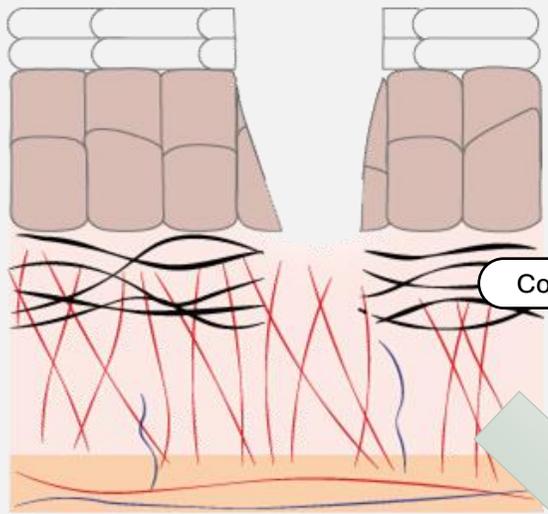
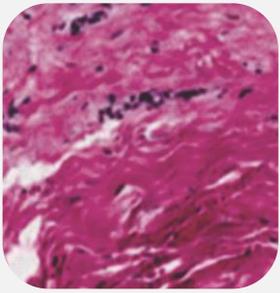
## Ingredients





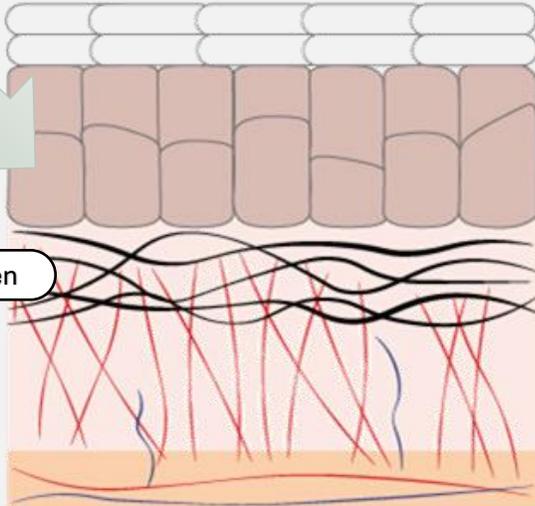


Decreased collagen causes stretch marks

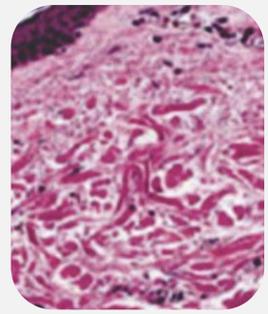


Collagen

ASIATICOSIDE



Collagen



Collagen regeneration fills in stretch marks

# 02 Ingredientes

## 2. Asiaticoside

Collagen stimulation / Stretch mark repair / Natural antioxidant

Asiaticoside, a triterpene extracted and purified from *Centella asiatica*, is known for its regenerative and anti-inflammatory properties on the skin. This compound **promotes collagen production and angiogenesis**, accelerating healing and skin renewal, essential qualities for improving the appearance of stretch marks.

In addition to its ability to activate fibroblast migration, asiaticoside possesses potent antioxidant properties, **protecting the skin from damage caused by oxidative stress**. This makes it an ideal active ingredient for products aimed at reducing stretch marks and **revitalizing the skin**, promoting a firmer, smoother and rejuvenated appearance.

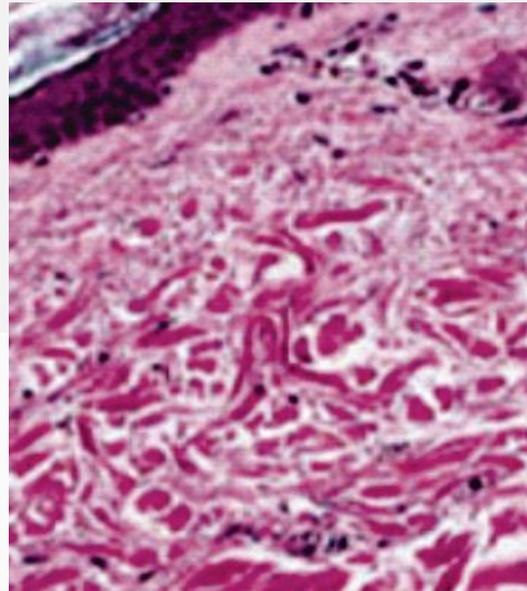


# 03 Studies

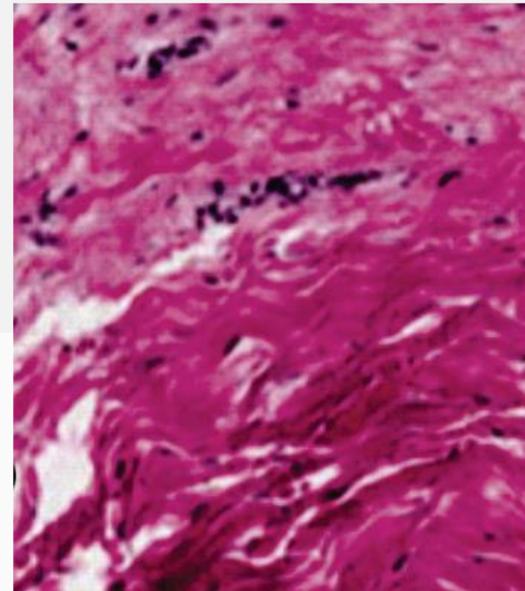
520 ml  
3.3 0808

### 03 Histological comparison between normal skin and *striae distensae* skin

The normal epidermis has basket weave appearance and well formed rete ridges. In contrast, SD shows loss of the rete ridge pattern. Additionally, normal dermis demonstrates parallel collagen bundles to the surface, which are evenly spaced, which is in contrast to SD dermis.



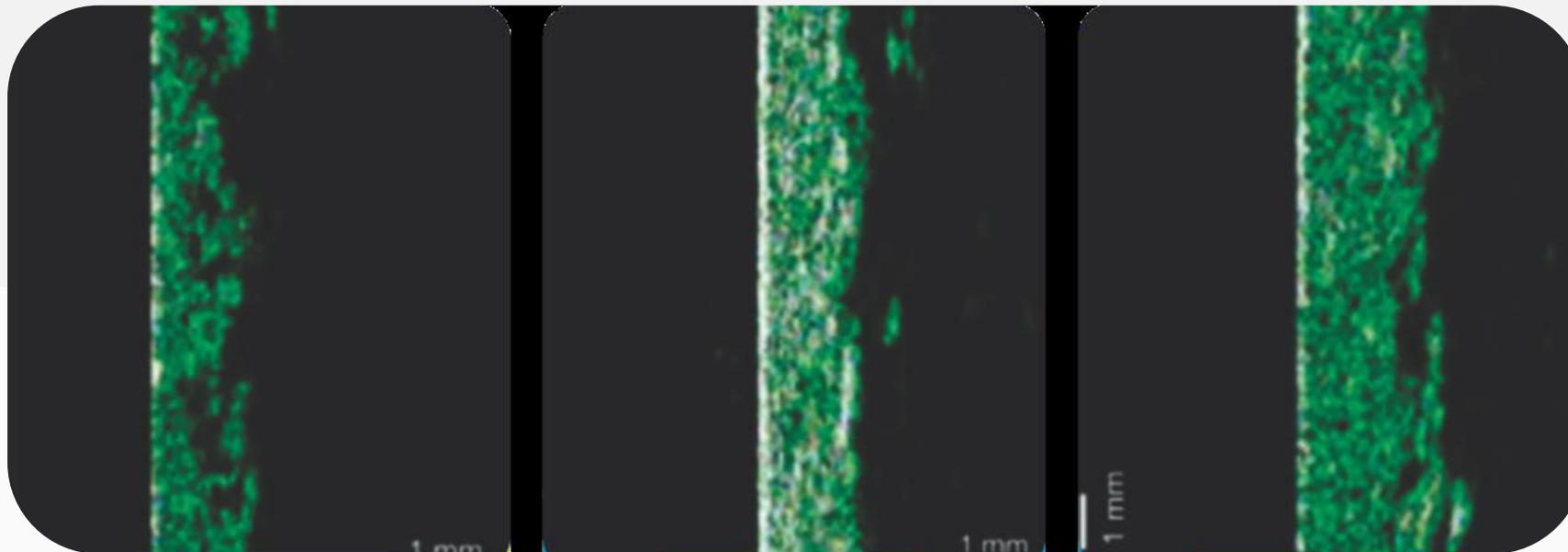
Normal skin



Striae distensae

## 03 SCH Actives™ Stretch Marks stimulates proliferation of fibroblasts and keratinocytes

Ultrasonographic aspect of stretch marks before [A], after 3 weeks [B] and after 6 weeks [C] of cream application containing 3% **SCH Actives™ Stretch Marks** → HOMOGENEITY OF THE DERMIS IS WELL RECOVERED



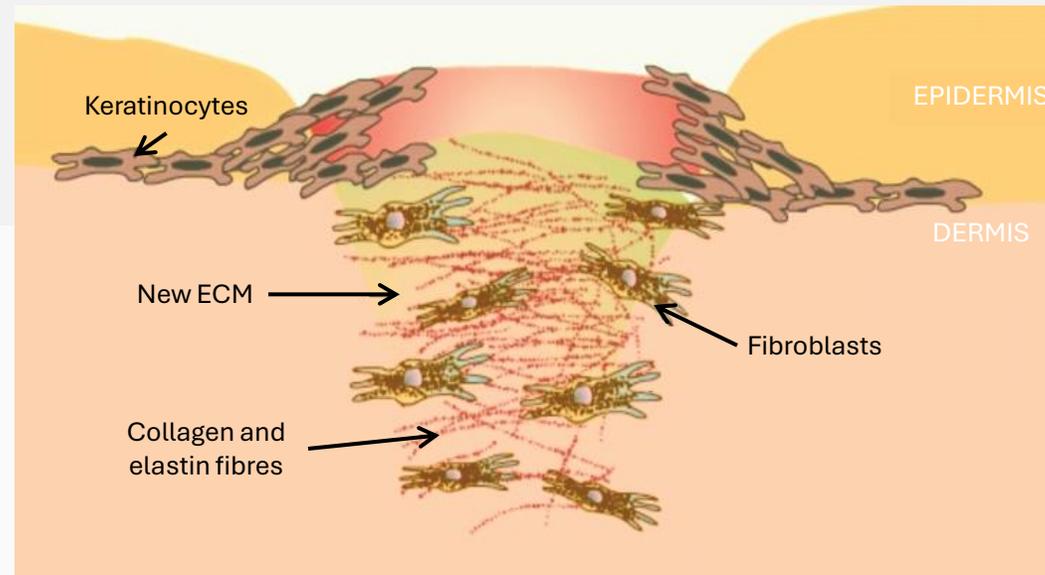
A

B

C

### 03 Benefits of SCH Actives™ Stretch Marks

Benefits of EGF mimetic peptide + Asiaticoside are mainly due to **enhancement of type I collagen in fibroblasts**. Triterpenes of Centella asiatica extract increase the metabolism of lysine and proline, the amino acids building the collagen molecule. In addition, these compounds increased the synthesis of tropocollagen and mucopolysaccharide in the connective tissues. Centella Asiatica improves nutrition of tissues and connective vascular stimulation. The positive effects of the treatment of stretch marks with the Centella asiatica are well supported by a few clinical studies.





## 03 Effects of SCH Actives™ Stretch Marks (6 weeks at 3%)

The ideal combination to fight against stretch marks EGF mimetic peptide + Asiaticoside



Before



After



# 04

## Specifications





## 04 Technical specifications

CHARACTERISTIC	SPECIFICATION
Aspect	Liquid
Color	Colourless
Odor	Characteristic
Dosage (%)	3 - 5
Solubility	Water soluble
pH	5,5 – 6,5
<b>Regulatory status</b>	
Europe	OK
China	NOT OK
USA	OK





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