

GELITA Sol[®]C for Radiant Beauty



- Comprises high-performance natural collagen peptides
- Provides smooth and wrinkle-free skin
- Repairs and protects hair

Women are convinced of the benefits of GELITA Sol® C

Subjective assessments by study participants*

A woman with blue eyes is looking into a hand mirror and touching her cheek. The background is a blurred image of a person's back and shoulder.

*"My skin feels
well cared for."*

*"I am very pleased
with my body's
tolerance to the
product."*

*"My skin feels soft
and smooth."*

*"My skin is intensively
moisturized."*

*"My skin is kept moisturized
over a long period of time."*

*"The product protects my skin
from drying out – all day long."*

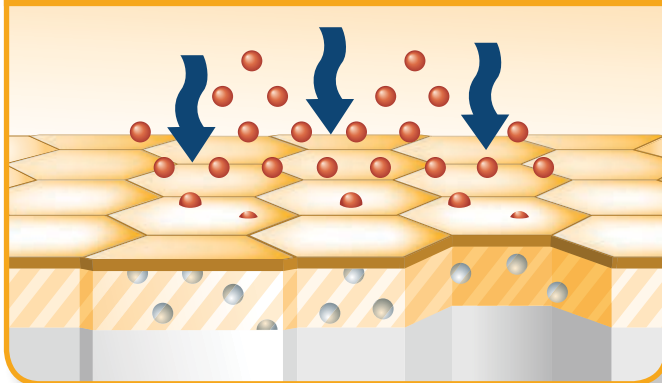
Collagen peptides are highly effective in skin and hair care

Collagen is an important building block in the human body, making up 30 % of the total protein. It is primarily located in connective tissue and its enormous tensile strength has a number of positive effects, especially on the skin – where it makes up to 80 % of dry weight.

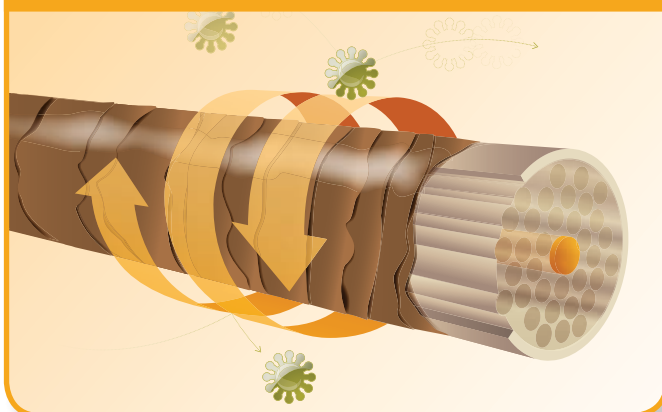
With GELITA Sol® C, GELITA offers natural high-performance collagen peptides to promote these positive effects on beauty.

Our biological cosmetic ingredients consist of superfine micro peptides that have a deep effect within the skin. They enhance beauty preparations by stabilizing the skin's natural pH level and possess valuable properties for protecting skin and hair. GELITA Sol® C is produced by gentle enzymatic hydrolysis of different natural protein sources and shows excellent dermatological compatibility with skin. It is supplied in the reliable and consistent quality that demanding clients expect from GELITA.

The small peptides comprising GELITA Sol® C penetrate the skin, bringing them directly to the epidermis, where they are needed.



GELITA Sol® C collagen peptides protect the hair from damage.



! Preserving the health and beauty of skin

Collagen peptides from GELITA are of particular importance as skin care additives in creams, emulsions, body lotions, serums and facial masks. They have film forming properties that have a noticeable effect on the smoothness and suppleness of the skin. They also have a remarkably high capacity as radical inhibitors.

! Improving the gloss, firmness and structure of hair

The GELITA collagen peptides possess a multiplicity of positive effects due to their affinity to keratin. In particular, chemically treated or damaged hair will improve in gloss, firmness and structure. In preparation for permanent waving and bleaching, collagen peptides provide a high degree of protection against such damage. In hair coloring preparations, the addition of collagen peptides results in an even absorption of color, especially when used in combination with natural dyestuffs. Collagen peptides also produce higher color intensity; and their mild and natural properties have considerable advantages in leave-on products.



GELITA Sol® C

Perfect skin. Beautiful hair.

GELITA Sol® C is a natural, highly purified and highly effective biopolymer for use in cosmetics. As an active ingredient, the GELITA Sol® C collagen peptides provide short- and long-term moisturizing effects and protect keratinocytes and epidermal cells against lifestyle and aging signs. Thus, GELITA Sol® C enhances skin smoothness and firmness, which in turn leads to improved skin condition and a visible reduction in wrinkles. In hair applications, GELITA Sol® C collagen peptides reduce the damage caused by chemical treatments such as coloring, bleaching, hair straightening and permanent waves. An additional important benefit of GELITA Sol® C is that it is free of allergens.

! Provides a variety of cosmetic benefits

Skin

- Moisturizes the skin
- Has inherent radical-capturing properties and is thus an effective antioxidant
- Boosts elastin and collagen synthesis
- Improves the barrier function of the skin
- Preserves neutral skin pH

Hair

- Reduces hair damage
- Gives high substantivity to hair protein
- Improves the absorption of natural hair-coloring agents
- Reduces the irritation produced by anionic surfactants
- Ensures heat protection

The GELITA Sol® C cosmetic range

	GELITA Sol® C-M	GELITA Sol® C-S	GELITA Sol® C-H
Description	Natural, highly purified and effective skin and hair care collagen peptides	Natural, highly purified and effective film forming collagen peptides	Natural, highly purified and effective collagen peptides for hair care and hair protection
Applications	Skin and hair care products	Skin care products	Hair care products
Use level in %	0.5 – 3.0	0.5 – 3.0	0.5 – 3.0
Average molecular weight	3 kD	≥ 7 kD	≤ 2 kD
Purity	+++	+++	+++
Very low odor	✓	✓	✓
Easy to formulate	✓	✓	✓
Easy soluble	✓	✓	✓
Natural biopolymer	✓	✓	✓
Non-allergenic	✓	✓	✓
Non-irritating	✓	✓	✓
Film-forming properties	++	+++	+
Promotes skin hydration	++	+++	+
Protective effects against harmful substances	✓	✓	✓
Protects hair	++	+	+++

In-vivo and in-vitro studies have proven the efficacy of GELITA Sol® C



In-vivo studies

A placebo-controlled double-blind study on women between the ages of 32 and 65 investigated the influence of GELITA Sol® C on skin hydration before and after a 2-week period of treatment. A subgroup also participated in an analysis of short-term skin hydration kinetics. The women were qualified to participate by having dry skin according to their own assessments.

Treatment with GELITA Sol® showed statistically significant higher skin hydration levels than with untreated persons 12 hours after a single product treatment as well as after a 2-week treatment period. The results were confirmed by subjective assessment by the majority of the women.

Significant increase in skin hydration

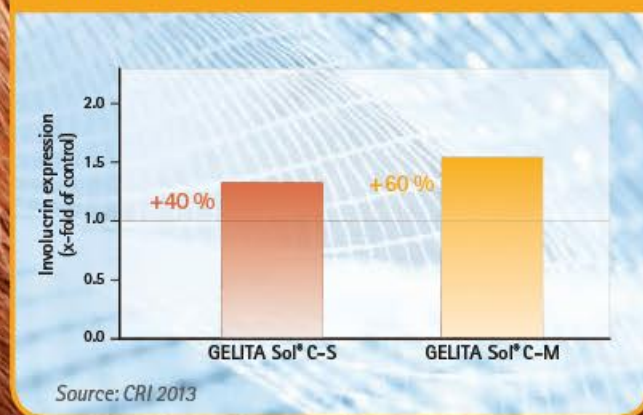


Both short- and long-term skin hydration improved significantly.



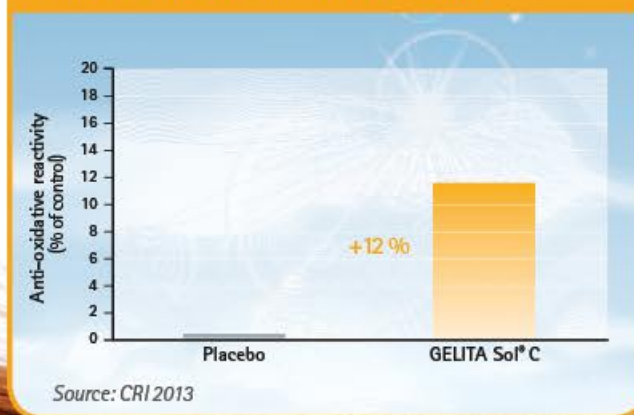
In-vitro studies

Increase of skin barrier function



Skin protection and skin barrier function improved, as shown by the increase of the barrier protein involucrin.

Increase in anti-oxidative potency



GELITA Sol® C clearly demonstrates anti-oxidative reactivity on the skin. It reduced the amount of oxygen radicals by about 12 % in comparison with the negative control.

GELITA Sol® C
promotes



- Natural beauty
- Smooth and wrinkle-free skin
- Skin radiance
- Hair care and protection
- Non-allergenicity in cosmetics



Make innovative product ideas reality!

GELITA Sol® C can enhance the most diverse of personal care and beauty products from creams through shampoos to shower- and bath preparations.