

VERISOL[®]
Beauty from Within



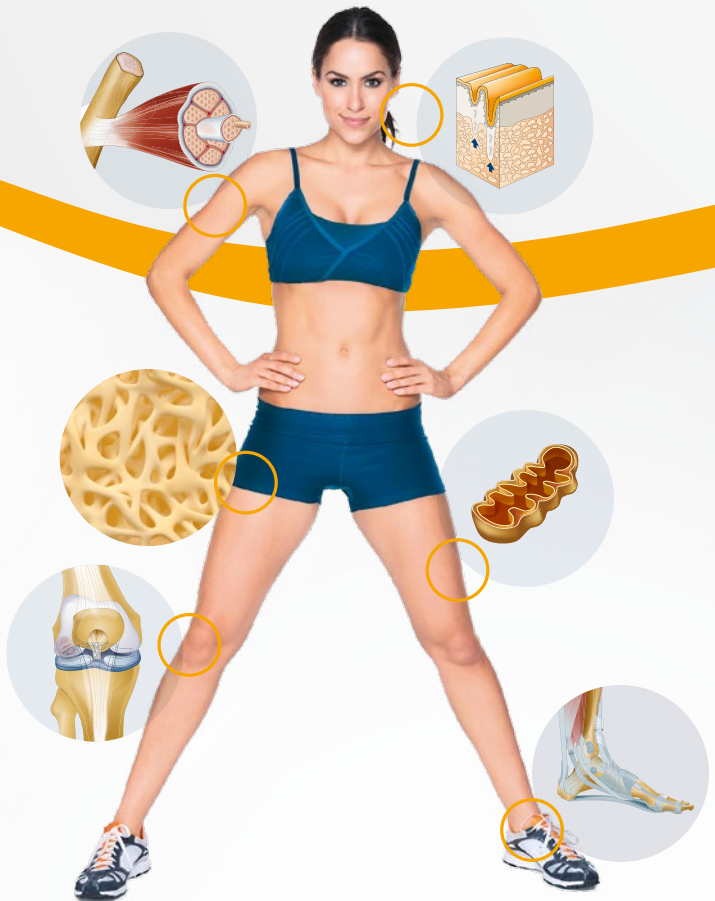
Beauty from Within – with VERISOL[®]

- Increases skin elasticity
- Reduces wrinkles and fine lines
- Improves skin surface and cellulite
- Improves hair and nails

GELITA
Improving Quality of Life

Collagen – The Body's Protein!

Collagen is a major component of the human body. About 30% of our total body protein is collagen. Collagen is crucial for mobile joints, stable bones, healthy muscles, strong ligaments and tendons, smooth skin, glossy hair and healthy nails. It is one of the primary structural proteins of connective tissues and also abundant in blood vessels, intervertebral discs, the blood-brain barrier, the cornea, dentin and the intestinal wall – a vital component of our whole body.



Bioactive Collagen Peptides® stimulate collagen metabolism

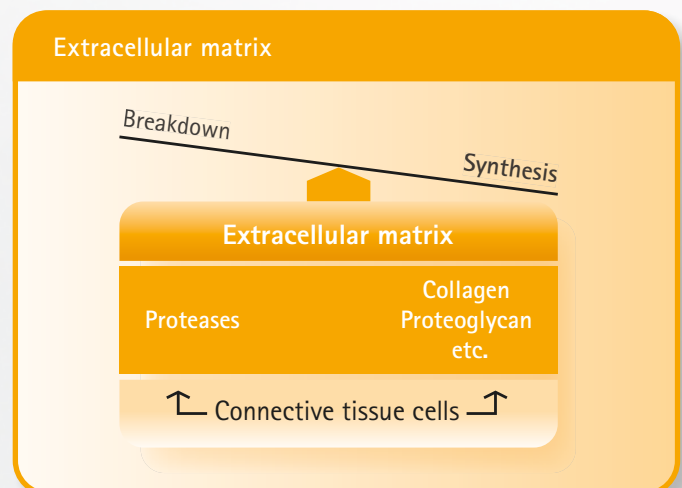
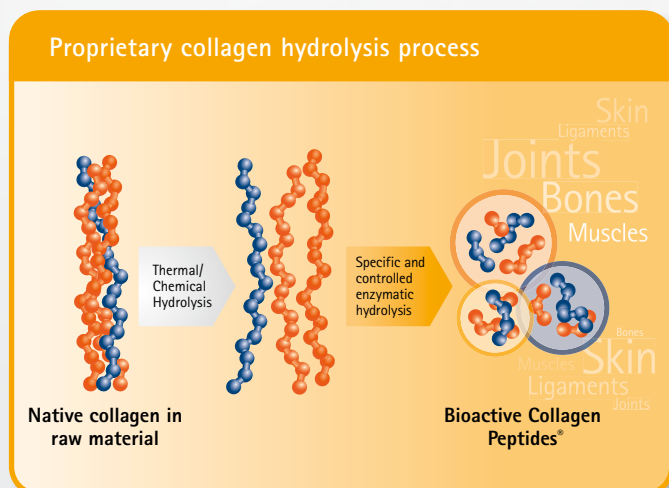
GELITA BCP® (Bioactive Collagen Peptides®) include a range of specific peptides optimized for targeted health benefits. They directly stimulate the metabolism of target connective tissue cells involved in collagen biosynthesis. The peptides are derived from a highly controlled production process and characterized by their unique peptide fingerprint. GELITA Bioactive Collagen Peptides® also provide a number of physiological and technical benefits making them the perfect supplement to realize innovative product ideas in the fields of health, beauty and sports nutrition.

The benefits of Bioactive Collagen Peptides® to the extracellular matrix are based on two mechanisms:

- 1) Stimulate cell metabolism
- 2) Supply of typical collagen amino acids as valuable building blocks

Bioactive Collagen Peptides®

Skin Health	Fibroblasts	VERISOL®
Joint Health	Chondrocytes	FORTIGEL®
Bone Health	Osteoblasts/Osteoclasts	FORTIBONE®
Ligaments/Tendons	Ligamentocytes/Tenocytes	TENDOFORTE®
Body Toning	Muscle cells/Resistance exercise	BODYBALANCE®
Endurance	Muscle cells/Endurance performance	PeptENDURE®



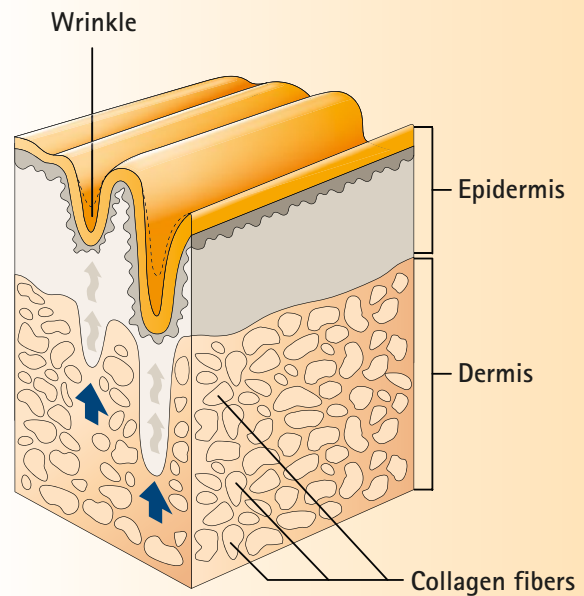
! Enjoy the natural power of collagen – with VERISOL®

Collagen is the major structural component of skin, and about 80 % of its dry weight. Skin properties are known to be affected by endogenous and environmental factors including aging, ultraviolet radiation, hormones and nutrition. VERISOL® Bioactive Collagen Peptides® have a patented peptide profile, specifically optimized to support beauty from within. VERISOL® can stimulate skin metabolism and counteract the loss of collagenous extracellular matrix from the inside. Consumers using VERISOL®-based products can experience firmer and smoother skin, with fewer wrinkles, reduced cellulite, as well as stronger nails and hair. Results typically show after several weeks of daily consumption.

! Mode of action

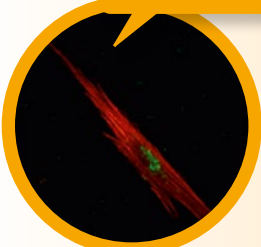
The fibroblast cells in the dermal layer of the skin will recognize the specific peptides of VERISOL® as an increase in the breakdown of the skin's own collagen. This is the stimulus the fibroblasts need to increase their metabolic activity. The results are a higher synthesis of new dermal collagen and all other extracellular matrix proteins, balancing what is lost through aging and environmental influences.

Supplementation with VERISOL® directly stimulates the collagen metabolism in the dermis, compared to only reaching the outer layers of the skin, like creams and other topical products do.

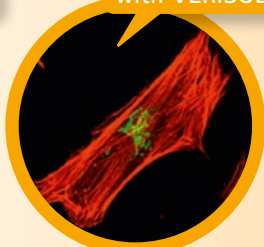


Collagen synthesis in vitro

Without stimulation



Stimulation with VERISOL®



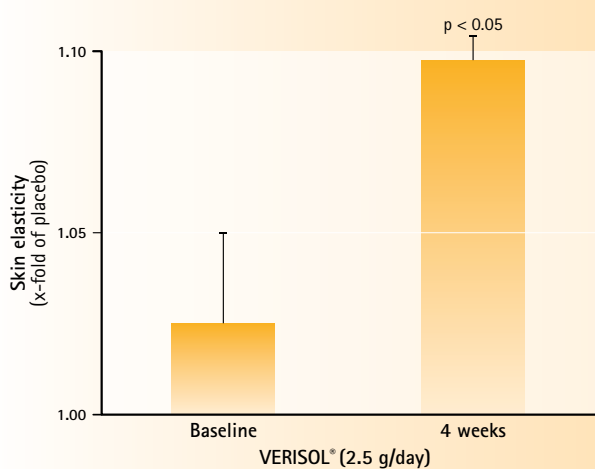
Significant improvement of skin health and beauty

VERISOL® is a specific, patented composition of collagen peptides, optimized for supporting healthy skin. Administered orally, VERISOL® stimulates skin metabolism directly from inside. The optimal efficacy of VERISOL® has been shown in numerous human clinical trials.

Higher skin elasticity

A study with 69 women aged between 35 and 55 years revealed that VERISOL® leads to significantly higher skin elasticity compared to placebo treatment. This effect could be measured after just 4 weeks of treatment and persisted after 8 weeks of VERISOL® supplementation. Another 4 weeks after the last intake of the product, the VERISOL® group still showed higher skin elasticity levels compared to the placebo group.

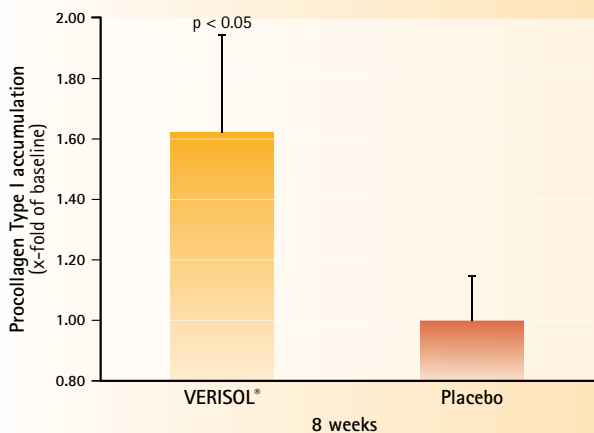
VERISOL® significantly increases skin elasticity starting after 4 weeks



Proksch et al. (2014) Oral Supplementation of Specific Collagen Peptides has Beneficial Effects on Human Skin Physiology: A Double-Blind, Placebo-Controlled Study. *Skin Pharmacol Physiol*, 27:47-55.



VERISOL® significantly increases the accumulation of Procollagen Type I in the skin

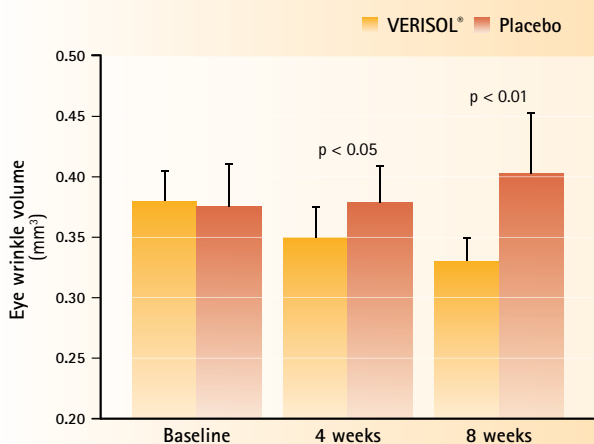


Proksch et al. (2014). Oral Intake of Specific Bioactive Collagen Peptides Reduces Skin Wrinkles and Increases Dermal Matrix Synthesis. *Skin Pharmacol Physiol*, 27:113-119.

! Reduction of wrinkles

A placebo-controlled study with more than 100 women aged between 45 and 65 years shows that the oral administration of VERISOL® (2.5g/day) significantly reduces wrinkles starting after 4 weeks and leads to a significantly higher skin procollagen formation.

VERISOL® significantly reduces wrinkles



! Marine VERISOL® – Confirmed effects independent of ethnicity!

A randomized, placebo-controlled trial, investigated the effects of marine VERISOL® supplementation in 76 Asian and Caucasian women, aged between 50 and 75 years. The participants ingested a 5 g daily dose of marine VERISOL® or placebo over 8 weeks, followed by a 4 week washout phase. The study revealed that supplementation with VERISOL® significantly improved skin elasticity after 4 weeks, and more pronounced after 8 weeks, as well as it also significantly reduced eye wrinkles after 8 weeks, compared to placebo. The beneficial effects of VERISOL® persisted over the course of the washout period. Furthermore, a subgroup analysis revealed no statistically significant differences between the results of the Asian and Caucasian participants and thus confirmed the beneficial effects of marine VERISOL® supplementation independent of ethnicity.

Proksch et al. (2020). Positive effect of fish-derived Bioactive Collagen Peptides on skin health. *Nutrafoods*, 1:127-133.

Improved skin surface structure and reduced cellulite

About 85 % of the global female adult population is affected by cellulite (the orange peel appearance of skin). Cellulite is mainly caused by dermal matrix disturbances, in combination with excess of subcutaneous fat, bulging into the dermis as well as excess of interstitial fluid.

VERISOL® supplementation has beneficial effects on the dermal extracellular matrix of the skin and can help to decrease cellulite. Contrary to current cellulite supplements that mainly address the aspects of excessive fat or microcirculation/drainage, VERISOL® directly stimulates the extracellular matrix formation in skin.



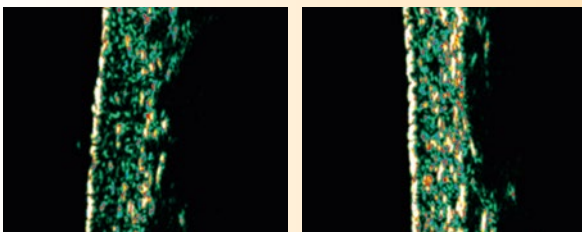
Significant decrease of cellulite score

A randomized double-blind placebo-controlled study, involving 105 women (with 97 completing the program) between 24 and 50 years, showed that daily supplementation with 2.5 g VERISOL® significantly decreased cellulite scores after 3 months in women with a BMI of <25. VERISOL® had a beneficial effect on the skin extracellular matrix, helping to restore the normal structure of the dermis and subcutaneous tissue. VERISOL® also reduced the waviness of the skin, with first results visible after 3 months, and more pronounced after 6 months.

The study also investigated changes in the dermal density over 6 months. The two ultrasound scans show, side by side, the skin of a participant in the placebo group compared to the skin of a participant in the VERISOL® group. The increase in elastin and collagen is clearly visible.

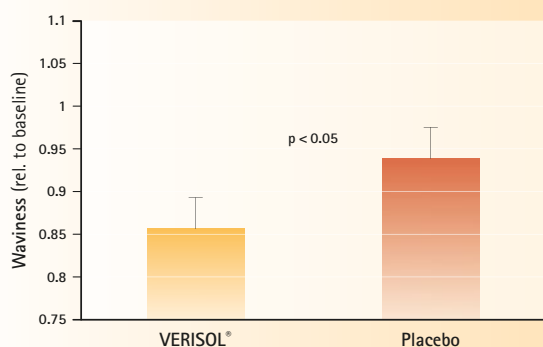
Schunck et al. (2015). Dietary Supplementation with Specific Collagen Peptides has a Body Mass Index-Dependent Beneficial Effect on Cellulite Morphology. J Med Food, 18:1340-1348.

Density of dermis (ultrasound measurement)

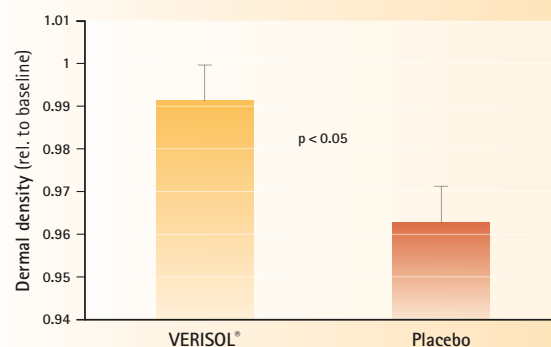


Colors represent the intensity strength of the acoustic response from the skin, thus skin density – mainly collagen. Dark/green color indicates low intensity, yellow/bright color indicates high intensity.

VERISOL® significantly decreases skin waviness after 6 months



VERISOL® significantly increases dermal density after 6 months



Promoting growth and health of fingernails

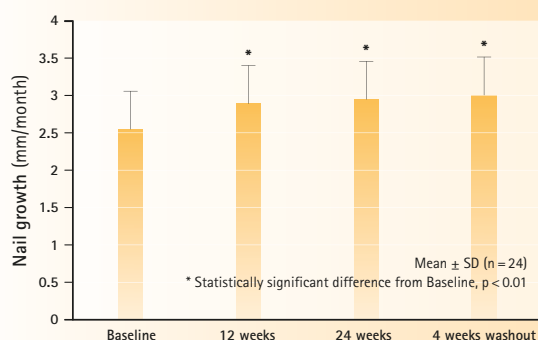
For many women, well-groomed fingernails are an inseparable part of an attractive appearance. But many women suffer from cracked or chipped nails as well as nail peeling and nail roughness. The Bioactive Collagen Peptides® VERISOL® can help to improve growth and health of fingernails.

The positive effects of VERISOL® are shown in a recent study with 25 women aged between 26 and 50 years. The study showed a decrease of cracked and/or chipped nails, reaching a decrease of 42% after 6 months. The speed of nail growth significantly increased by 10% after 6 months of VERISOL® supplementation. Nail peeling was also notably improved, as well as nail edge irregularity was clearly reduced. The great majority of participants, 80%, were completely satisfied with the performance of the VERISOL® regimen. In addition, 75% perceived their nails as stronger, and 71% felt that their nails were growing faster and longer.

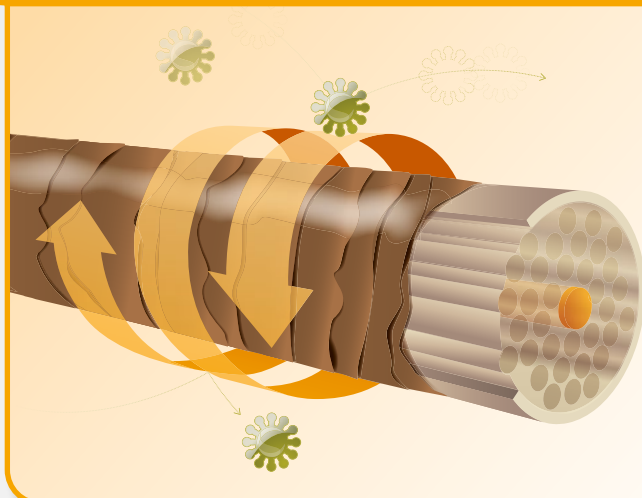
Hexsel et al. (2017). Oral supplementation with specific bioactive collagen peptides improves nail growth and reduces symptoms of brittle nails. J Cosmet Dermatol, (16)1-7.



VERISOL® significantly increases nail growth



VERISOL® increases hair thickness, a key aspect of healthy hair appearance



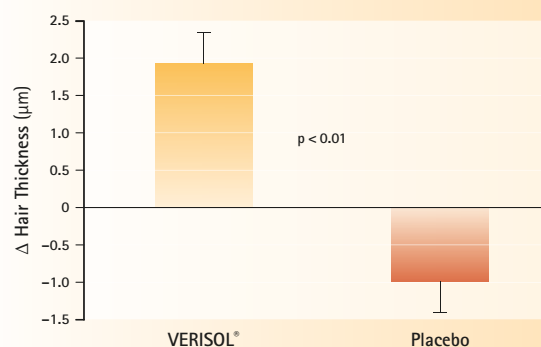
Hair Support!

A randomized, placebo-controlled study investigated the effects of VERISOL® on hair thickness. The study was conducted in 44 women aged between 39 and 75 years, who supplemented with 2.5 g VERISOL® daily or placebo for 16 weeks. The use of VERISOL® led to a statistically significant increase in hair thickness, whereas a slight decrease was observed in the placebo group, confirming the benefits of VERISOL® for improved hair structure.

This is the first published, peer-reviewed study to clearly demonstrate a positive effect of collagen supplementation on hair structure, a key aspect of healthy hair appearance.

Oesser (2020). The oral intake of specific Bioactive Collagen Peptides has a positive effect on hair thickness. Nutrafoods, 1:134-138.

VERISOL® increases hair thickness, a key aspect of improved hair structure and appearance



**! Women trust
VERISOL® collagen!**

VERISOL® helps shape the growing market of beauty and skin-improvement supplements, addressing skin issues from the inside-out. The use of collagen in topical cosmetics is well known. Beauty-from-within supplements for skin, hair and nail support are a rapidly growing market segment around the world. The stimulatory effect of oral VERISOL® supplementation is well recognized by dietary supplement and functional foods manufacturers and consumers alike.

The specific, patented composition of collagen peptides in VERISOL® addresses the main concerns of women with regard to aging skin: elasticity and firmness, wrinkles and cellulite, as well as hair and nail support. It is supported by the belief in the effectiveness of "Beauty from Within" measures. The majority of women are familiar with the term "collagen". Since collagen is a substance that is produced by the body, it is perceived as being "natural". VERISOL® represents a real and effective alternative or addition to all measures counter-acting the signs of aging.



VERISOL® has enormous potential in the growing market of nutricosmetics – worldwide.



Beauty from within – VERISOL® represents a real alternative and addition to all available anti-aging measures.

The perfect beauty care, without missing out on pleasure!

The low dose of VERISOL® allows for easy incorporation in many delivery formats. From liquids to solids, from nutrition choices such as bars and drinks to small formats such as tablets, gummies, boosters and shots.

**VERISOL®
promotes**

- clean label
- high digestibility
- no allergens
- scientific evidence



bit.ly/3fUzbZM

GELITA excludes any warranty and/or liability for any and all claims arising from or in relation with statements made regarding its ingredients, including but not limited to claims based on allegedly misleading advertising and/or a violation of applicable local statutes and regulations. The positioning as well as the packaging, labelling and advertising of the client's products with GELITA's ingredients falls solely within the responsibility of the client, who must rely solely on the scientific studies to create their claims. The statements in this document have not been evaluated by the Food and Drug Administration nor by any local regulatory bodies, and the product(s) discussed herein is (are) not intended to diagnose, treat, cure or prevent any disease. The information contained herein is for business and informational purposes only. Although the information provided is, to the best of our knowledge, truthful and accurate, GELITA does not guarantee its accuracy. Companies desiring to incorporate any structure/function claim in product labeling or advertising must consult with appropriate legal counsel to ensure any such claim is lawful and substantiated for the specific product and the desired market. GELITA assumes no responsibility for buyer's product claims.

GELITA AG · Uferstr. 7 · 69412 Eberbach · Germany · www.gelita.com

GELITA
Improving Quality of Life