

SWISS ENERGY



By Dr. FREI®

SWISS PREMIUM COLLAGEN
A building block for health, youth and beauty

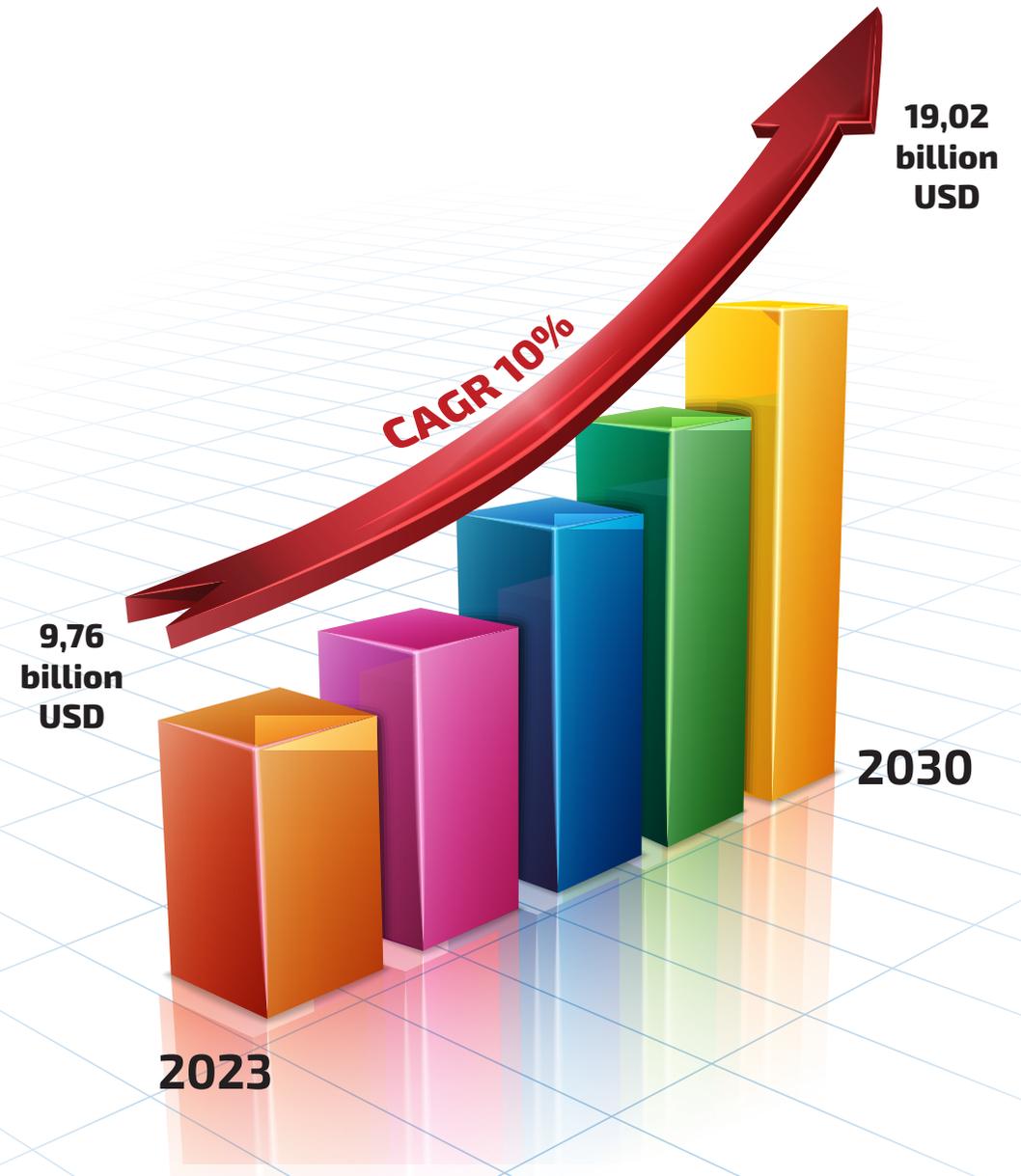


THE GLOBAL COLLAGEN MARKET SHOWS A RECORD GROWTH RATE OF 10%

The global collagen market is expected to grow from \$9.76 billion in 2023 to \$19.02 billion by 2030. The average CAGR is about 10% during the forecast period.

**The main market driver:
Growing consumer attention to beauty and personal care**

With widespread consumer awareness of the benefits of collagen for joints, skin and overall health, the collagen market has grown significantly in recent years. Because collagen helps reduce the wrinkles, it is often linked to anti-aging properties. Collagen-containing products are represented as anti-aging products, attracting consumers who want to maintain a youthful and active lifestyle.





Key trends in the collagen market

Collagen is one of the most popular categories of supplements. Consumers taking oral collagen supplements seek to improve **skin hydration and elasticity from the inside out.**

Collagen is perceived by consumers **as a non-surgical way to improve their appearance.** Interest in collagen-based products has increased as a result of growing consumer awareness of **the benefits of collagen for skin and joint health.**

To meet a wide range of requirements, collagen product manufacturers are expanding their product lines. **Collagen powders, drinks and gummies** are also included in this category.

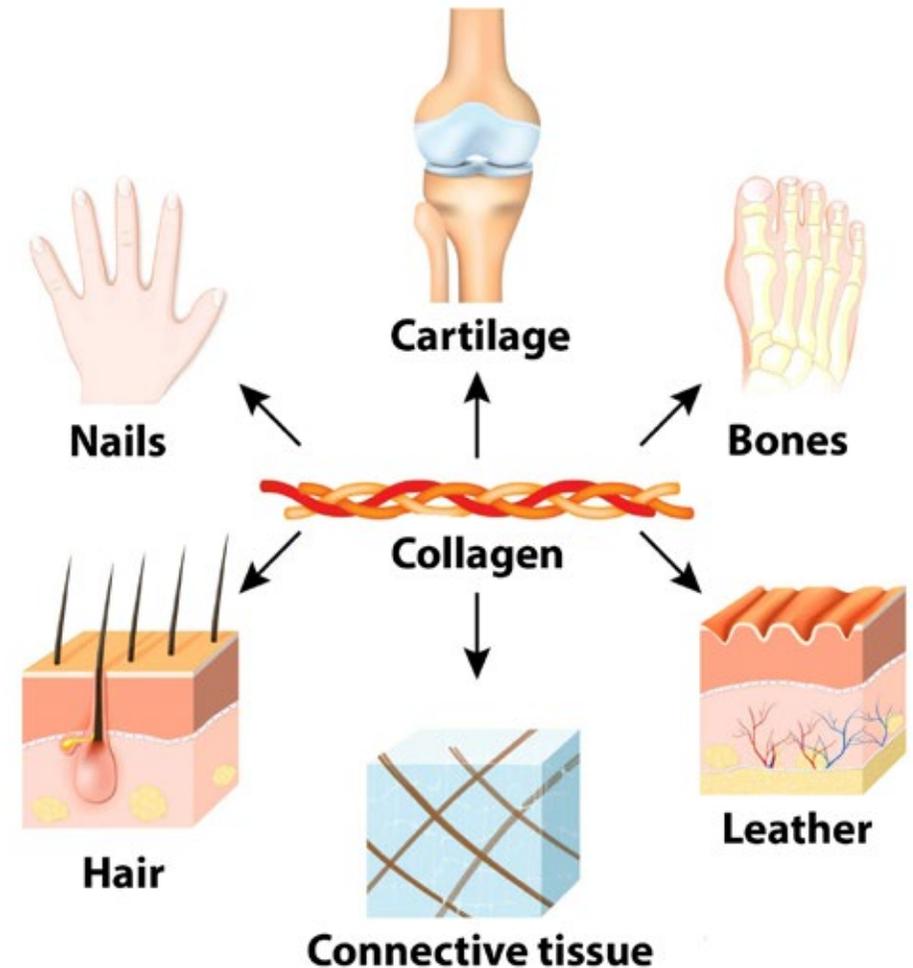
Interest in sustainably sourced collagen has increased. Consumers are looking for **eco-friendly collagen** options and are beginning to prefer products that are **free of artificial additives, preservatives and allergens.**



Collagen is a structural protein that makes up the main component of connective tissues in our body. It is present in all tissues: skin, hair, nails, blood vessels, joints, bones, cartilage.

Collagen makes up approximately 33% of total proteins in the body and up to 75% of skin proteins. This protein supports all human cells, tissues and organs.

Collagen is the main structural protein of the body. It consists of three protein chains connected in a triple spiral. This unique structure makes collagen very strong. In total, there are about 25 types of collagen in the human body. Skin, nails and hair contain mainly type I and III collagen, while joints, ligaments and tendons contain type II.



THE AMOUNT OF COLLAGEN IN THE BODY DECREASES AFTER 25 YEARS

The strength and elasticity of tissues at a young age is due to high levels of collagen. Unfortunately, with age, collagen production in the body slows down and breakdown increases. The skin becomes less elastic and wrinkles appear. Bones become fragile and joints wear out.

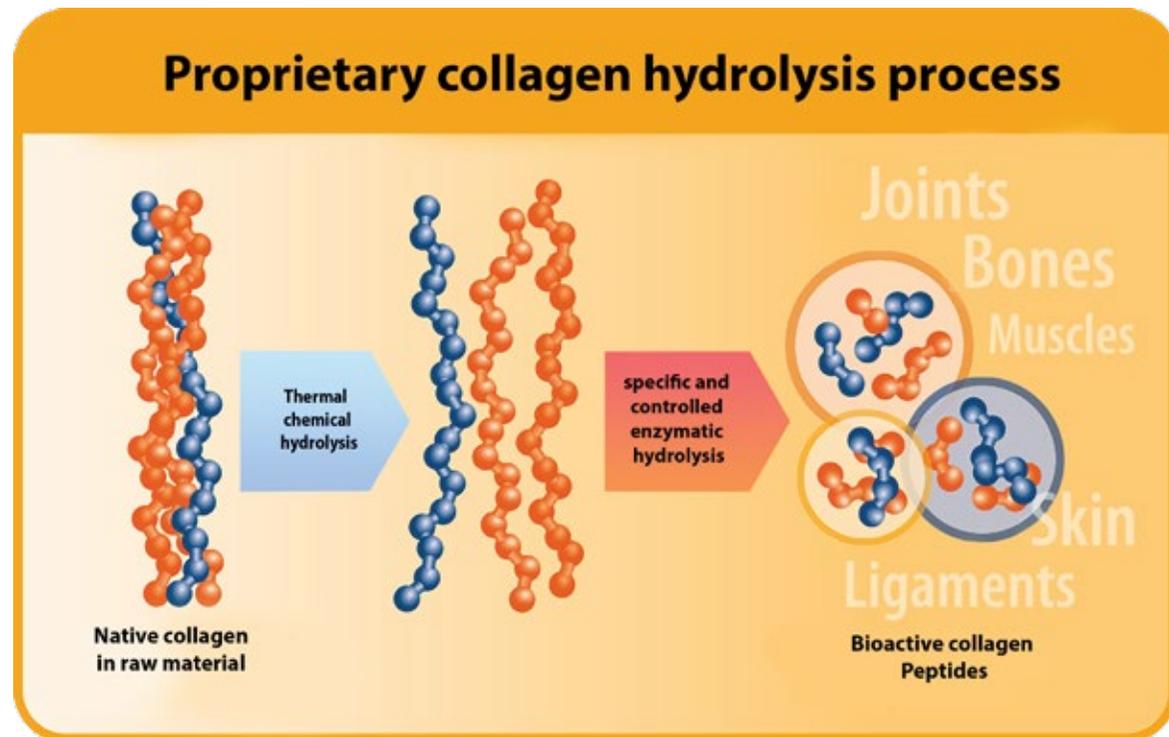
This process begins at age 25. This is the optimal age to start taking collagen.



The complex three-chain spiral molecule of collagen has a very large molecular weight of 300 kDa. Therefore, the native collagen is very poorly absorbed by the body. In order to improve absorption, Swiss Energy collagen undergoes controlled hydrolysis. As a result of the breakdown of collagen chains, separate peptides are formed, which ensure its excellent absorption.

Swiss Energy Collagen:

- splits into peptides with **a molecular weight of 2 kDa, which ensures absorption up to 99%**.
- includes **specific peptides and amino acids optimized for their intended purpose**.
- stimulates the metabolism of connective tissue cells to produce **the desired type of collagen** in tissues and organs.



PREMIUM COLLAGEN SWISS ENERGY IS MADE FROM ENVIRONMENTALLY FRIENDLY RAW MATERIALS

Swiss Energy Collagen is the purest collagen and meets the highest environmental standards. The product has a guaranteed Swiss origin and is made from **cows raised in ecologically clean regions of Switzerland**. These cows live in the field and eat exclusively grass from our meadows. They do not receive hormones or antibiotics. Heavy metals or other industrial wastes do not accumulate in their bodies.

Swiss Energy Premium Collagen is processed according to **GMP, FSSC and ISO standards**. Fast, safe and contamination-free production results in **a pure, white, tasteless and odorless powder**.



An increasing number of consumers are placing emphasis on eco-friendly, natural, non-GMO products.

Our recipes are extremely complex and take into account the processes that occur in the body at the cellular level. Backed by science, we create outstanding, effective products that truly taste great and become market leaders.

**We make products that really work!
From the very heart of Switzerland!**



Skin health

Taking collagen can improve the condition of the skin from the inside, providing it with building components. According to research, collagen can **reduce the number of facial wrinkles and enhance hair and nail growth.**

A 2014 double-blind, placebo-controlled study showed improved skin elasticity in patients who took collagen for eight weeks. A 2012 study showed improvements in wrinkles and dry skin when taking collagen for 12 weeks.



Cellulite is a pathological condition that people have been trying to eliminate for decades.

A 2015 double-blind, placebo-controlled study concluded that "...long-term collagen therapy results in **improvements in cellulite symptoms** and has a positive effect on skin health." In this study, women took collagen for a minimum of 6 months. Improvements were noted after 3 months.



Osteoarthritis occurs as a result of the breakdown of cartilage in joints. A 2017 study found that taking collagen not only **reduced joint inflammation, but also prevented joint cartilage loss and helped restore mobility and range of motion.**

Tendons connect muscles to bones and are responsible for movement. Ensuring tendon strength plays an important role in preventing injury. Tendon injuries are common among athletes and sports enthusiasts.

A 2005 study found that **collagen supplements increased tendon strength,** and a 2016 study found that they may also help increase Achilles tendon thickness.



COLLAGEN NATURE: 100% PURE COLLAGEN PRODUCED EXCLUSIVELY FROM SWISS RAW MATERIALS

- 100% pure hydrolyzed Swiss premium collagen
- Improved absorption due to low molecular weight of 2 kDa
- Reducing wrinkles and improving skin elasticity
- Strengthening hair and nails
- Regeneration and strengthening of joints, ligaments and tendons
- Has a neutral taste and mixes easily with any drink, smoothie or yogurt
- Free of lactose, gluten and sugar
- Can 240 g.
- Daily dose: 10 g (Measuring spoon included)
- 24 servings per package



Compound

Active ingredient	Contains in 10 g
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Hydrolyzed collagen peptides (bovine)	10 g
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DOES NOT CONTAIN
LACTOSE



DOES NOT CONTAIN
GLUTEN



NO SUGAR

COLLAGEN BEAUTY FORTIFIED WITH SPECIAL INGREDIENTS FOR BEAUTIFUL SKIN, HAIR AND NAILS

- 100% pure hydrolyzed premium Swiss collagen (type I and III)
- Enhanced with special ingredients that improve the condition of skin, hair and nails (hyaluronic acid, vitamins C, E, D3, biotin, folic acid, magnesium, copper)
- Improved absorption due to low molecular weight of 2 kDa
- Reducing wrinkles and improving skin elasticity
- Strengthening hair and nails
- Reduction of cellulite
- Easily mixes into any drink, smoothie or yogurt.
- Free of lactose, gluten and sugar
- Strawberry flavored
- Can 240 g.
- Daily dose: 12 g (Measuring spoon included).
- 20 servings per package.

Compound

Active ingredient	Contains in 12 g
Hydrolyzed Collagen Peptides (Bovine)	10,52 g
Hyaluronic acid	60 mg
Vitamin E	4,8 mg
Folic acid	30 mcg
Vitamin C	26,88 mg
Vitamin D3	2,77 mcg
Biotin	21 mcg
Magnesium	66,4 mg
Copper	264 mcg



DOES NOT CONTAIN LACTOSE



DOES NOT CONTAIN GLUTEN



NO SUGAR

- 100% pure hydrolyzed premium Swiss collagen (type II)
- Enhanced with special ingredients that improve the condition of joints, ligaments and tendons (turmeric, vitamins C, D3, magnesium, manganese, selenium).
- Improved absorption due to low molecular weight 2kDa
- Unique formula that supports anti-inflammatory effects and pain reduction
- Improved condition of articular cartilage and joint mobility
- Strengthening ligaments and tendons
- Easily mixes into any drink, smoothie or yogurt
- Free of lactose, gluten and sugar
- Honey and lemon flavor
- Can 240 g.
- Daily dose: 12 g (Measuring spoon included).
- 20 servings per package.

Compound

Active ingredient	Contains in 12 g
Hydrolyzed Collagen Peptides (Bovine)	10,52 g
Turmeric extract	350 mg
Vitamin C	29,4 mg
Vitamin D3	2,4 mcg
Magnesium	58,1 mg
Manganese	490 mcg
Selenium	12,8 mcg



DOES NOT CONTAIN
LACTOSE



DOES NOT CONTAIN
GLUTEN



NO SUGAR



Dosage of collagen that has proven effect is 10-12 g per day.

The optimal course is 2-3 months with breaks of 3 months. The older you are, the more courses and the shorter break should be. It is also possible to take collagen continuously without interruption.

It is recommended to take collagen on an empty stomach 30-60 minutes before your first meal. If taken during the day, at least 4 hours should pass after the last meal.

10-12 g of powder should be dissolved in at least 200 ml of liquid (water, juice). The powder can also be added to any hot or cold drinks, yoghurts, smoothies and other foods



We represent collagen in various dosage forms to meet the demands of all target audiences.



Soft gummies
Collagen 3100 mg
+ vitamin C, elderberry extract



Effervescent tablets
Hydrolyzed fish collagen



Young and ambitious people 25-35 years old to improve their appearance

«For example, I first started taking collagen at the age of 26, of course, I didn't notice any visible results other than strengthening my hair and nails. But at the age of 30, when I was already desperate and wanted to go for my first biorevitalization, the course of collagen turned me around 180° and now I drink collagen a couple of times a year and consider it a real analogue of mesotherapy.»

(Woman 34 years old).

«I want to be fit, lean and feminine!»

(Girl 24 years old).

Men and women 40-55 years old to maintain youth and health

«I noticed that the contour of the face began to worsen and the skin became less elastic. I can do more to struggle this.»

(Woman 43 years old)

«My colleague has the same age, built, family and stress like me – yet, he looks so much better»

(Man, 45 years old.)

Men and women 60-80 years old to maintain everyday activity

«Keeping up with my grandchildren»

«Able to attend my table tennis group...»

«I don't want to feel left behind in life!»

(Men and women 60-80 years old)





By Dr. FREI®

100% pure hydrolyzed Swiss premium collagen

The purest collagen that meets the highest environmental standards. The product has a guaranteed Swiss origin and is made from cows raised exclusively in ecologically clean regions of Switzerland

Highest efficiency

Controlled hydrolysis to the required collagen peptides of low molecular weight 2 kDa and the addition of specific ingredients allows achieving high bioavailability and effectiveness

Pleasant taste and possible mixing with food and drinks

Thanks to its high purification, collagen has a pleasant taste. It is suitable for daily use. Swiss Energy Collagen can be mixed with food and drinks.

Quality guarantee

Swiss Energy Premium Collagen is produced in accordance with GMP, FSSC and ISO standards, which guarantees its high quality and safety even with permanent consumption.



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