



**COLLAGENS
FOR BEAUTY
FROM WITHIN**

NURTURING A NATURAL GLOW FROM THE INSIDE OUT

Rousselot Health & Nutrition's collagen solutions for the beauty from within market can help brands deliver on all consumer needs without compromise, from science-backed beauty benefits to clean labels, natural appeal and sustainability.

A world of health benefits for the consumer

Rousselot
Health & Nutrition



THE **BOOM IN DEMAND**
FOR COLLAGEN-BASED
NUTRICOSMETICS IS DRIVEN
BY A LONG LIST OF **MEDIA**
PERSONALITIES, WHO
USE AND ENDORSE
THESE BEAUTY SOLUTIONS

COLLAGEN PEPTIDES THE RISING STAR OF BEAUTY FROM WITHIN

2019
CAGR
>8.6%
2025

Beauty from within solutions continue to be a leading category in the global dietary supplements industry:¹

The beauty from within segment is booming, with demand for collagen solutions soaring. In fact, the collagen market is anticipated to grow at a CAGR of 8.6% from 2019 to 2025.

What do consumers expect from skin, hair and nail beauty products with collagen?

I.

Gen Z and Millennials thrive for glowing skin and strong, healthy hair and nails.

II.

Gen X and baby boomers define beauty as looking healthy and maintaining a youthful appearance throughout life.²

III.

All consumers want science-backed, clean label products made with natural ingredients.

IV.

Sustainable, traceable and ethically produced solutions from reputable brands are popular.



SHINE ON THE SHELVES WITH **PEPTAN**®

A premium ingredient, Peptan bioactive collagen peptides, meet today's beauty trends and allow you to truly stand out in the booming beauty from within space.

In a clinical study, Peptan has demonstrated to increase hair strength^{3/1}, and for skin beauty, it promotes unique benefits:



Anti-aging, including
wrinkle reduction



Moisturization
and hydration



Texture, including
suppleness



Increased
hair strength

**PEPTAN HAVE BEEN
SHOWN TO REDUCE
THE SIGNS OF
SKIN AGING**



**13%
EYE
WRINKLES
(PERIORBITAL)**

**10%
NASOLABIAL
WRINKLES**

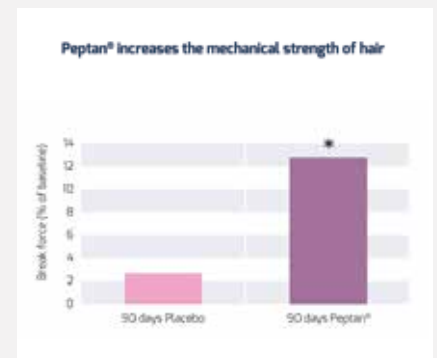
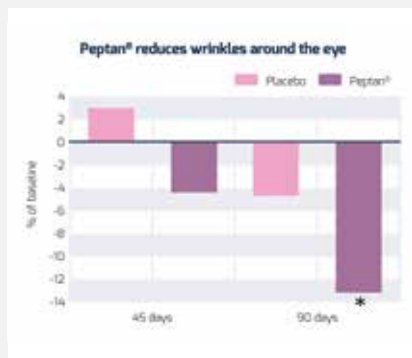


In a pioneering study conducted with 60 healthy Brazilian women, aged 45 to 60 years, of mixed skin and hair types, 5g of Peptan collagen peptides oral supplementation has been demonstrated to improve the overall appearance of skin and hair in 90 days.^{3/1}

Results showed:

- A 13% and 10% decrease in periorbital and nasolabial wrinkles respectively
- A 13% increase in the mechanical strength of hair

**13%
INCREASE IN
THE MECHANICAL
STRENGTH
OF HAIR**



Previous studies with 33 healthy Japanese women aged 40 to 59 years, and 106 Caucasian women aged 40 to 65 years, showed that 10g oral Peptan collagen peptide supplements can reduce the signs of skin aging by:^{5/11}

- Improving skin moisturization, hydration, and dermal collagen density
- Reducing collagen fragmentation

These findings have been confirmed by various other studies on collagen peptides across an ethnically diverse population.^{6,7,8,9,10,11,12}

These studies have been conducted in compliance with regulation (EC) N122/2009 with no test on animals.

Peptan's science:

- Campos, P. et al., 2022. Oral intake of Bioactive Collagen Peptides in the improvement of skin and hair: clinical studies by instrumental measurements. *Biomedical and Biopharmaceutical Research*, doi: 10.19277/bbr.19.2.297
- Asserin, J. et al., 2015. The effect of oral collagen peptide supplementation on skin moisture and the dermal collagen network: evidence from an ex vivo model and randomized, placebo-controlled clinical trials. *Journal of Cosmetic Dermatology*, doi: 10.1111/jocd.12174
- Kleinnijenhuis, A.J., 2019. Non-targeted and targeted analysis of collagen hydrolysates during the course of digestion and absorption. *Anal Bioanal Chem.* 2019 Dec 24. doi: 10.1007/s00216-019-02323-x.

Scan to access details of references 1-13 on rousselot.com





PEPTAN®: ***A MUST-HAVE*** ***SOLUTION FOR*** ***SKIN AND*** ***HAIR BEAUTY***

Alongside providing benefits for skin and hair beauty, Peptan collagen peptides are:

- Sustainable by definition, made with the planet and its natural resources in mind
- Highly bioavailable^{13/III}
- Obtained from high-quality, safe natural sources, Peptan is fully traceable and available from fish, bovine and porcine origin.

PEPTAN'S FISH COLLAGENS
ARE **MADE IN FRANCE**
AND ARE RENOWNED
FOR THEIR EXCEPTIONAL
QUALITY – FUSING LUXURY,
PRESTIGE AND TRADITION.

THE **ROUSSELOT EXPERTISE**
CENTER IN GHEENT CONTINUALLY
CARRIES OUT STRINGENT STUDIES
TO ENSURE OUR CUSTOMERS RECEIVE
CONSISTENTLY **PREMIUM QUALITY**
SOLUTIONS WITH THE PRODUCT
CHARACTERISTICS THEY EXPECT.



WITH **SIMPLICITY** AND **FLEXIBILITY** AT HEART, **PEPTAN®** MEETS YOUR APPLICATION NEEDS

Available with Halal and Kosher certifications,
Peptan® can be used alone or in synergy with
many active ingredients like vitamins and minerals.

When it comes to product formulation, Peptan offers a broad range of benefits:



Fast, superior cold-
and warm-water
solubility



Neutral in taste
and odor, even at
high concentrations



Transparent
in solution



High stability
in a wide range
of pH values



Heat
resistance

Highly versatile, Peptan is suitable
for numerous convenient applications :



Powder drinks



RTD products



Shots



Tablets and
capsules



Gummies



Bars

GROW YOUR BUSINESS WITH US

Rousselot Health & Nutrition offers all the support you need

R&D

BRAND

REGULATORY
SUPPORT

TECHNICAL
SUPPORT

FORMULATION
SUPPORT

**A WORLD OF HEALTH BENEFITS
FOR THE CONSUMER**

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About Rousselot Health & Nutrition

As Rousselot's strategic segment dedicated to health and nutrition, we are committed to developing innovative ingredients answering today's demand for solutions offering proven efficacy, full safety and premium quality. Our customers can rely on best-in-class products, backed by trusted science as well as on our expert support in formulation, product development and regulatory advice. Building on the success of our flagship brand Peptan, our collagen solutions offer a world of health benefits for a healthier tomorrow. Rousselot Health & Nutrition is one of three strategic markets served by Rousselot.

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Rousselot Headquarters

Rousselot B.V.
Kanaaldijk Noord 20
5681 NM Son
The Netherlands

+31 499 364 100
collagen@rousselot.com