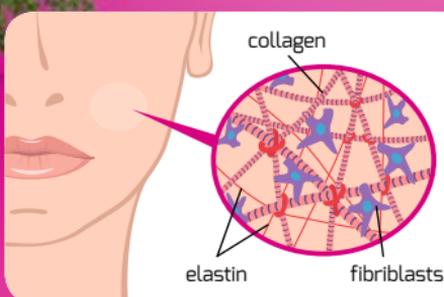


REVERSE SKIN AGING WITH PEPTAN®

Today we understand that beautiful skin on the outside requires a healthy foundation on the inside. Peptan collagen peptides are the first nutraceutical ingredient to show skin-restructuring effects, as proven in the Journal of Cosmetic Dermatology.



Skin dryness and an accelerated fragmentation of the collagen network leading to wrinkles are hallmarks of skin aging. The causes can be:

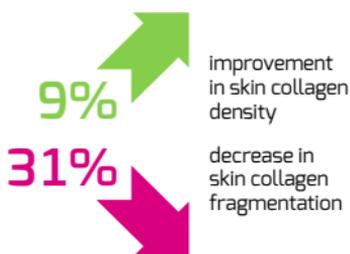


PEPTAN® COLLAGEN PEPTIDES' PROVEN ANTI-AGING EFFECTS

#1

RESTRUCTURE COLLAGEN

A randomized, placebo-controlled double-blind clinical trial showed an improvement in the skin's collagen structure and density after 12 weeks of Peptan intake



#2

INCREASE SKIN HYDRATION

A randomized, placebo-controlled double-blind clinical trial showed that after 8 weeks of Peptan intake, the skin hydration level is higher



28% higher skin hydration level

91% of research group reported higher skin hydration level



#3

STIMULATE HYALURONIC ACID AND COLLAGEN SYNTHESIS

Demonstrated in an *ex vivo* study, Peptan stimulates collagen production and moisture by increasing the amount of water-binding hyaluronic acid in the epidermis

Peptan **strongly increased** the amount of hyaluronic acid present in the epidermis

A natural, bioactive protein with neutral taste and odor, Peptan® is your active ingredient of choice for nutraceutical applications



dairy



powder drinks



beverages



tablets & capsules



nutritional bars



confectionery

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@Peptan_Global

Collagen Peptides

peptan.com

Peptan®

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DARLING
INGREDIENTS

BENEFIT FROM OUR (CO-) INNOVATION, COMMITMENT & WORLD-CLASS EXPERTISE

With Peptan, you will have a reliable, closely connected partner



Our global leadership in collagen peptides, combined with our worldwide presence and customer-centric culture, enables us to be a closely connected, reliable partner to you as a manufacturer. We can help you with virtually any product requirement or innovation you have in mind.

Reference

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*, 14:291-301. doi: 10.1111/jocd.12174

For further references and more information on the science behind Peptan, please visit Peptan.com

Rousselot Headquarters

Rousselot B.V. Kanaaldijk Noord 20
5691 NM Son The Netherlands +31 (0) 499 364 100
peptan@rousselot.com

 PeptanbyRousselot
 @Peptan_Global
 Collagen Peptides

peptan.com

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 **DARLING**
INGREDIENTS