

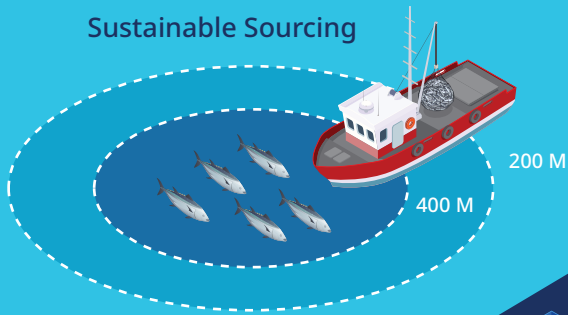


ThalaCol



Thai Union
Ingredients

Sustainable Sourcing



The Journey of

ThalaCol™

Naturally Better Marine Collagen Peptides



Sustainable Sourcing



MEMBER OF
**Dow Jones
Sustainability Indices**
In Collaboration with RobecoSAM



Tuna Processing



Collagen Processing



What is ThalaCol™?

ThalaCol™ , premium marine collagen peptides developed by Thai Union Ingredients, sourced exclusively from wild deep-sea tuna caught using responsible fishing practices. By harnessing the natural strength of tuna’s resilient skin—adapted to diverse marine environments—ThalaCol™ delivers superior purity, traceability, and environmental stewardship. Its rich collagen content supports health and wellness across a variety of applications,

Why ThalaCol™?

Sustainable Practices:

Harvested using methods that minimize environmental impact and support the health of the oceans.

Traceability:

Fully traceable from ocean to shelf, ensuring a transparent supply chain.

Global Compliance:

Meets stringent food safety standards globally, ensuring a safe and high-quality product.

Consistent Quality:

end-to-end sourcing and process controls ensure consistent product quality levels, in line with customer needs

Product Properties

Parameters	Limits
Protein (Nx5.55)	Min 91.5%
Hydroxyproline	Min 7%
Fat	Max 1%
Ash	Max 2%
Salt	Max 1%
Moisture	Max 10%
Ave molecular weight	<2000Da

Marine Collagen Peptides with Powerful Benefits

ThalaCol™ is naturally rich in these key collagen peptide sequences

Dipeptides

Stimulates collagen & hyaluronic acid synthesis, **promoting** rapid wound repair.

Improve skin elasticity and firmness by **stimulating** collagen production.

Fortifies bone health by facilitating bone development.

Tripeptide

Maintain youthful skin by **supporting** collagen synthesis.

Clinical Study for Skin Health

METHODOLOGY

Double-blind placebo-controlled randomized trial
Subject: 72 women, age 40-60 years old

Group #1: Placebo - 36 subjects 5g/Day
Group #2: ThalaCol- 36 subjects 5g/Day

Duration: 8 Weeks

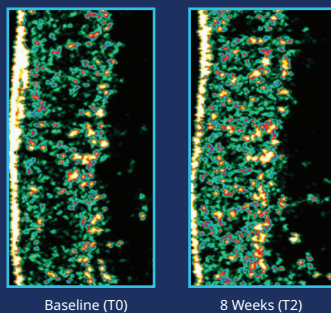
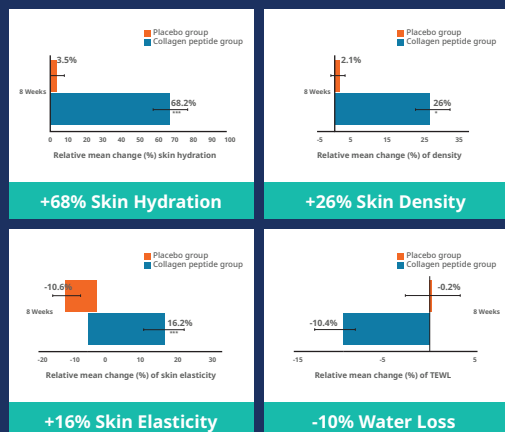


FIGURE The high-frequency ultrasonography images of the cross-sectional view of the skin at baseline (T0) and after ingestion of tuna collagen peptides for 8 weeks (T2). Images were obtained using DermLab®Combo, 20 MHz ultrasound probe (Cortex Technology ApS, Denmark). Colors represent the intensity of the reflected signal from the skin. Reprinted from Morakul et al. (2024).

Source: The evidence from in vitro primary fibroblasts and a clinical trial of tuna collagen peptides on skin health. Morakul B, Teerachadeekul V, Wongkapanich A, Leampolcharernchai J. Journal of Cosmetic Dermatology. 2024; 00: 1-13. © 2024 The Author(s). Wiley Periodicals LLC. doi:10.1111/jocd.16500

Limitless Applications:



NAME CARD

