



# Hydrolyzed Fish Gelatin – Marine Collagen

Purity, Science, and Vitality:  
A Bioactive Solution.

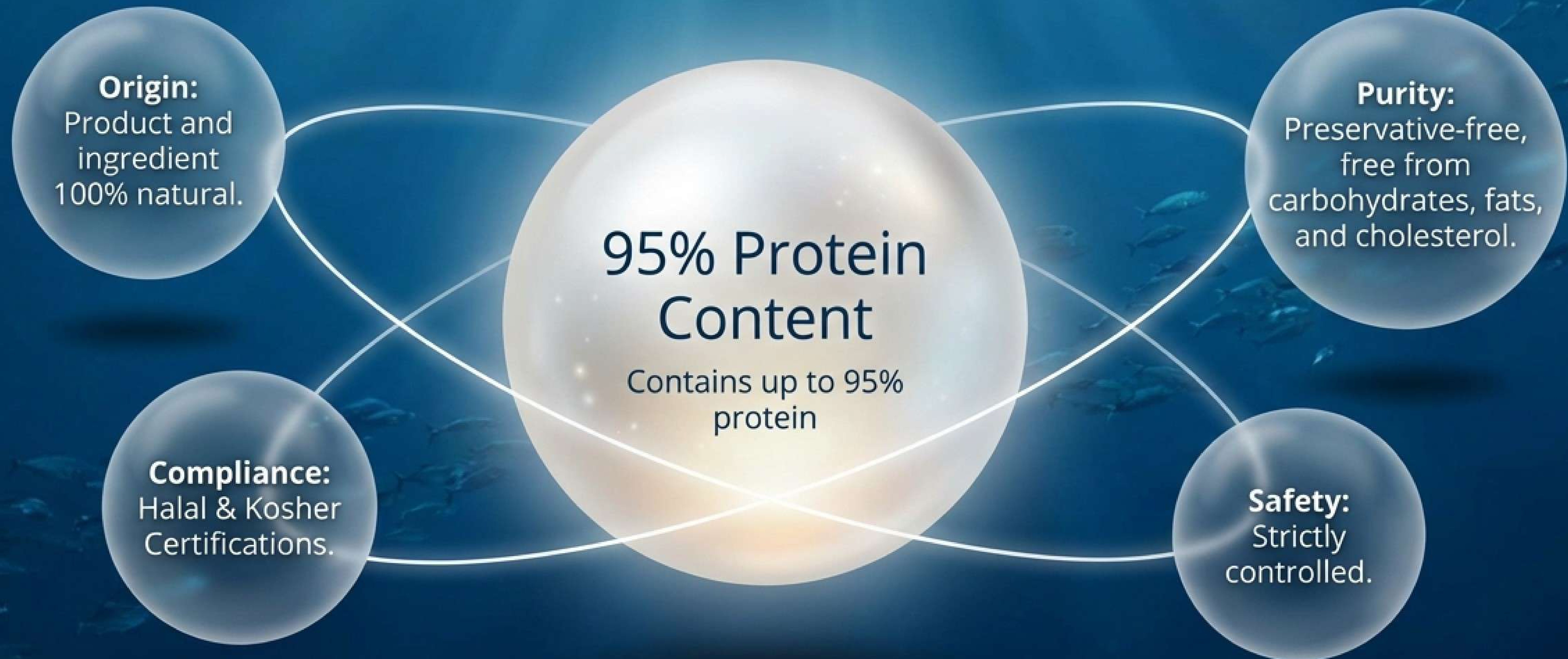
An innovation by **NATURCOL MD SAS**



Natural ingredient free from preservatives.



# Product Definition: The Power of Purity





# The Science of Absorption: Enzymatic Hydrolysis



**Conventional Collagen**  
(10,000 Da – 300,000 Da) - Difficult absorption.



**NATURCOL Peptides (~3,000 Da)**  
- Optimized absorption.

GELAFISH fish peptides are obtained through deep enzymatic hydrolysis that breaks down the molecular structure. This size reduction transforms the protein into a bioactive nutrient that is easy to assimilate.



# Quality and Reliability in Manufacturing



## **Automation**

Process controlled by microprocessors to ensure exact standardization.



## **Certification**

Manufacturers registered with INVIMA with an in-house quality control laboratory.



## **Total Traceability**

Recording of every step from raw material to final product per batch.

Quality guarantee of NATURCOL MD SAS.

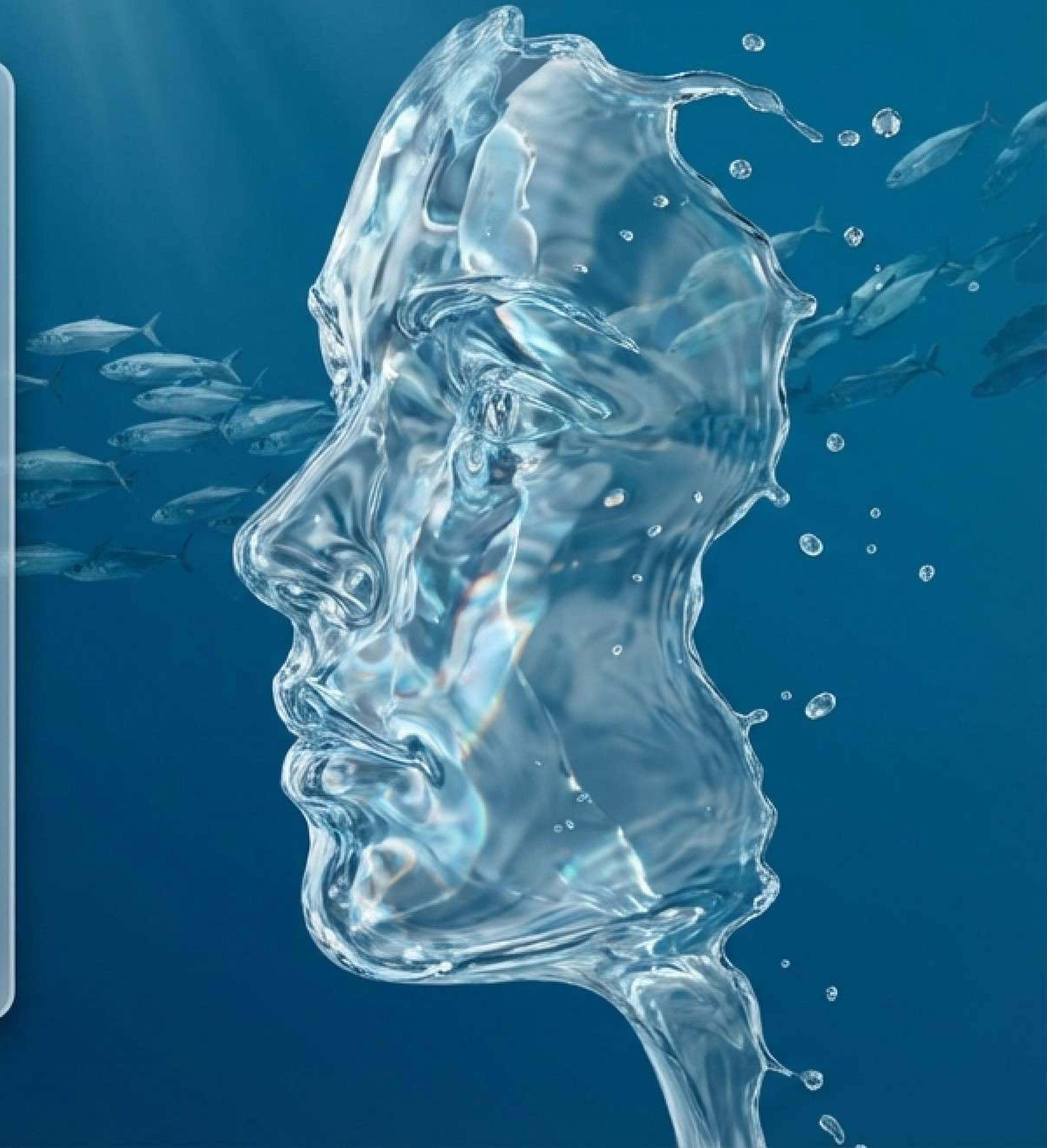


# Cosmetic Benefits: Defying Aging

**The Problem:** Starting at age 50, natural collagen production decreases drastically, resulting in dry skin and loss of elasticity.

**The Solution:** Daily consumption acts as a structural support structure.

- Keeps skin firm and elastic.
- Slows down the aging process.
- Combats dryness and dermal hardness.





# Structural Health and Physical Recovery

Proven advantages for internal physical integrity.

## Bones and Joints



Strengthening of the skeletal structure and connective tissues.

## Sports and Recovery



Helps reduce recovery time after intense physical exercise.

GELAFISH: The performance ally.

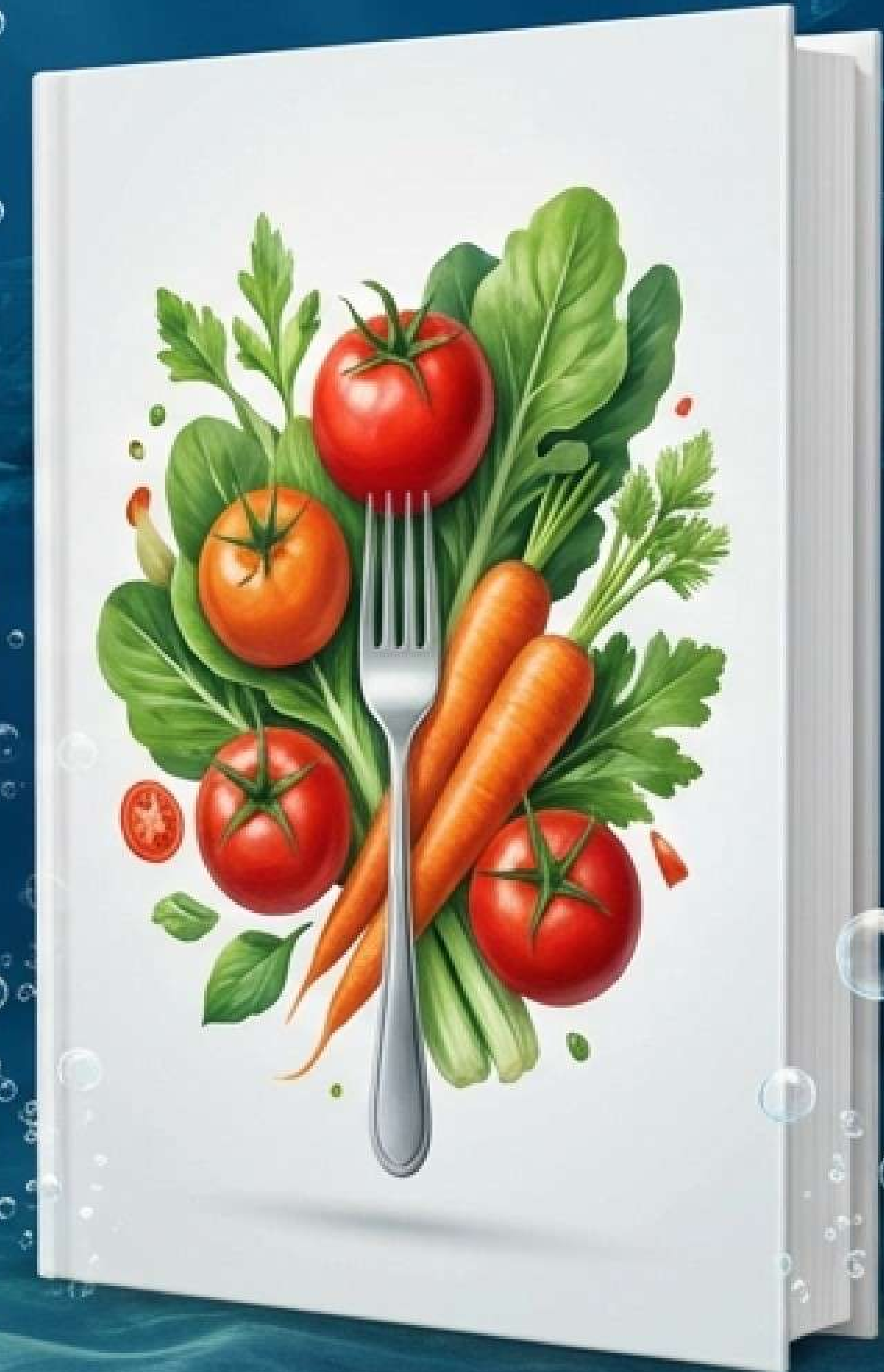


# Functional Applications in Weight Control

**Mechanism:** High-protein diets provide a feeling of satiety, reducing total food consumption.

With up to 95% protein content, it enriches the protein profile of any diet.

- Ideal for slimming products and meal replacements.
- Perfect for diet powders and shakes.
- Non-allergenic.





# Industrial Versatility: One Ingredient, Multiple Solutions

## Food Industry



Energy bars, mineral drinks, and meal replacements (adds texture).

## Pharmaceutical Industry



Acts as a drying agent and binder in tablets, improving mouthfeel.

## Cosmetic Industry



Formulation of anti-aging creams and deep hydration solutions.

GELAFISH adapts to your production line.



# Physical Properties and Formulation



1. **Solubility:** 100% soluble in cold water (critical for beverages).
2. **Appearance:** Transparent solution (Transparency  $\leq 10$  NTU).
3. **Organoleptic Profile:** Neutral odor and taste, allowing its use in diverse formulations.
4. **Density:** 0.3-0.6 gr/ml.



# Technical Safety Specifications

Heavy Metals	
Lead (Pb)	$\leq 0.05$ ppm
Mercury (Hg)	$\leq 0.05$ ppm
Arsenic (As)	$\leq 0.5$ ppm
Cadmium (Cd)	$\leq 0.1$ ppm

Microbiology	
E. Coli	Negative / 10gr
Salmonella	Negative / 25gr
Staphylococcus aureus	Negative / 25gr

Strict control guaranteed by NATURCOL MD SAS.



# Amino Acid Profile (g/100g)



Glycine: 23.6g  
Glutamate: 10.7g  
Alanine: 10.2g  
Proline: 9.5g  
Hydroxyproline: 9.0g  
Arginine: 8.5g

High levels of essential amino acids for collagen synthesis.



# Presentations and Formats

**Available Formats:**  
Powder & Granulated.

Particle Size: 100  
Mesh (approx. 149  
microns).



**Packaging:**  
Polyethylene bags or  
cardboard drums.

**Capacities:** 10 kg or  
20 kg.

Adaptable logistics by NATURCOL MD SAS



# Contact and Orders



**Manufacturer:** NATURCOL MD SAS

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