

The Natural Sign

standardized and objectivized plant extracts
extraits de plantes standardisés objectivés

BECARRE Natural

Your veg solution to collagen

*It bio-mimics animal collagen peptides,
but 100% plant origin, and with its studies at 2.5g*

VEG COLLAGEN PEPTIDES

- **70% proteins** peptides (and not free amino acids)
- High **Hydroxyproline** content (ca. 9%)
- Clinical **in-vivo studies**, from **2.5g dose** (skin, hair, muscle)
- **Molecular weight** ca. 1 KDa
- Crafted to bio-mimic **Type I & III** collagen
- **Tasteless**, colorless, odorless, and instantly **soluble**
- **100% plant origin**, including process : **vegan certified** (May 2024)
- Guaranteed non animal : get rid of questions about animal products, or sustainable fishing



BECARRE Natural is proud to offer the 1st Collagen Peptides, 100% plant based, Vegan certified, with its in-vivo studies

Our market has been lacking a reliable source of 'veg' collagen peptides (and not a mixture of amino acids, or bio fermentation): it's now available !

BECARRE Natural has worked to offer a 100% plant-derived "collagen". Veg-an certified by Beveg Int., VEGCOL™ by Collagen Lifesciences shows the structure (molecular weight, chain length) and profile (amino acids, including hydroxyproline) of animal collagen, with a minimum content of 70% protein. Carefully designed to mimic collagen type I and type III collagen (other types on-going), VEGCOL™ is extracted from traditional vegetables.

100%

Natural COLLAGEN!!



Studied Collagen Peptides available from plant origin

VEGCOL™ represents a significant advancement in vegan-friendly health supplements, offering a range of benefits for skin, hair, muscle strength, and overall well-being, substantiated by clinical studies

Vital Collagen in the Body

Collagen is a fundamental component of the human body as the most abundant protein. Its presence is ubiquitous across various tissues, including skin, bones, tendons, ligaments, and organs, where it provides structural integrity, elasticity, and a matrix that supports cell and tissue function. This key protein in the body maintains hair, skin and bone health and its production tends to decrease in synthesis as humans age.

Pivotal role

Collagen is often celebrated for its pivotal role in maintaining the structural integrity and youthful

appearance of our skin, as well as its contributions to joint health and overall well-being.

Pleasant taste, really soluble

Unlike other animal sources, VEGCOL™ is highly soluble, forming a clear green solution with a pleasant, slightly herbaceous taste.

Gentle process

VEGCOL™ is extracted from two traditional vegetables, carrot (*Daucus carota*) and broccoli (*Brassica oleracea*) selected for their contribution to the end profile, using an aqueous extraction process with highly precise curves for temperature and pH levels, and a specific separation equipment. The process also includes food enzymes commonly used as processing aids or even in B2C dietary supplements. It was essential that VEGCOL™ be derived from a traditional process.

Hydroxyproline

Hydroxyproline is a hallmark of collagen's structure. Together with its precursor proline, it accounts for 20% to 30% of total amino acids.

Studies & Reports available

Ask for analyses (aminogram including hydroxyproline, molecular weight, nutritional values, etc.), studies, certificates (absence of animal DNA, etc.), statements (Certificate of efficacy), Vegan certified by BeVeg Int., etc.



Misleading "vegan collagen"?

Faithful to its positioning as a specialist in objectivized plant extracts, BECARRE Natural has set out to offer "plant collagen".

The notion of plant collagen is by definition antinomic, and many (too many) products are introduced as "collagen of plant origin" when they are simply a mix of amino acids, of biofermentation origin, often even without hydroxyproline, and in the form of amino acids and not peptides. Collagen is more than a profile and that's what we here offer you with VEGCOL™

This is neither an 'amino acid blend', nor a 'builder'

Why we offer VEGCOL™ ?

BECARRE Natural wished to offer:

- a **structure** (molecular weight, chain length, etc...) **similar to collagen** of animal origin, and not a blend
- an **amino acid** profile similar to that of animal collagen
- a **food and safe process**
- **100% plant-based and vegan certified**
- high amount of **protein as peptides**



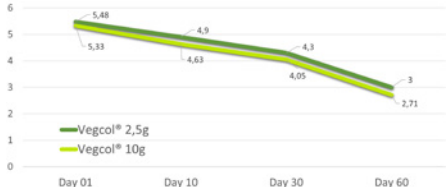
Wrinkles Analysis for different doses of VEGCOL™



Hair Fall Reduction for different doses of VEGCOL™



VAS Scoring for Joint Pain for different doses of VEGCOL™



Supported by human clinical trials

Safety and efficacy from a dose of 2.5g

The clinical studies were designed to evaluate the **safety** and **efficacy** of vegan collagen supplement (VEGCOL™) at **different dosages** (2.5 g, 5 g and 10 g) in adult participants (248 subject completed the studies, in different arms).

Crow's feet area wrinkles and fine lines, skin texture – roughness, dryness, wrinkles, smoothness... and much more

The **initial in-vivo study** included a very large number of parameters, with a particular focus on nutriscosmetics: fine lines, hair, skin, etc... but also joints pain according to VAS, change in muscles strenght (as assessed by the sum of hangrip, elbow flexion and extension, ...). Finally, VEGCOL™ has also been compared with collagen of animal origin.

Evaluations of the last paper included change in skin (elasticity, hydration, wrinkles, fine lines, Glogau skin age, ...), change in pain scale score, muscle strength, ... and subject perception.

VEGCOL™ supplementation effectively improved multiple age-related concerns such as wrinkles, fine lines, joint pain, muscle strength and hair growth, with also benefits in improving the aesthetics of the skin, hair, and nails, and all

those results from the lower dose of 2.5g !
The study also confirmed the safety.

Our Vegcol® mimics the structure (molecular weight, chain length) & profile (amino acids, incl. hydroxyproline) of animal origin collagen I & III, with a minimum content of 70% proteins.

Vegcol® is supported by in-vivo clinical studies starting at 2.5g / day.

9.5% HYDROXY PROLINE

70% PROTEINS

#1 WITH CLINICAL STUDIES

VEGCOL™

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