

THE NEXT

OF FRESHWATER COLLAGEN PEPTIDES & GELATIN

PURE, SUSTAINABLE, TRACEABLE

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Our Locations

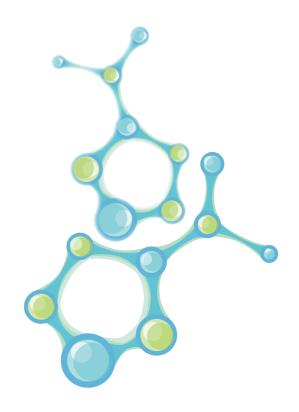
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Aquaculture is already playing a vital role in the global economy and holds vast potential as a source of sustainable nutrition and wellness products. Developing that potential has always been Vinh Hoan's focus. As an international leader in sustainable aquaculture, Vinh Hoan leads by example with our products and education with our research division.

Our strategic development is based on the circular economy model, enabling optimization of the value chain, waste minimization, and adding value for by-products. Vinh Wellness, a division of Vinh Hoan, has successfully produced high-value collagen peptides and gelatin products from pangasius skin which is one significant breakthrough.



To affirm our market-leading position and contribute to sustainable aquaculture globally by continuous innovation, environmental protection, and efficiency improvement business aspects.



To be a global aquaculture leader providing safe, sum and healthy food solutions in a sustainable and environmentally friendly manner.

1997

Vinh Wellness's parent company, Vinh Hoan Corporation was established as Vinh Hoan Limited Company in Sa Dec, Dong Thap, Viet Nam

2010

Vinh Hoan Corporation became the world's largest exporter of Pangasius fish according to the Vietnam Association of Seafood Exporters and Producers

2011

 Collagen Peptides and Gelatin were extracted successfully from Pangasius skin in the laboratory via research collaboration with universities and institutes

• Vinh Wellness Division was founded

2012

- Pilot workshop was established
- Awarded the high technology certificate from Ministry of Science and Technology of Vietnam

2013

The construction of factory started

2014

Factory was completed and put into operation

2015

Achieved ISO 9001, ISO 14001, GMP WHO, Halal Jakim Certificates

2016

- Achieved Halal Mui
- Started to export to Japan, Korea, ...

2017

- Approved for export to EU
- Release the clinical study on skin beauty
 - Global sales growth

2018

Launched Collagen Tripeptide Triogen

2020

- Completed additional Gelatin processing line with 1,000 tons per year
- Increased the total collagen and gelatin capacity to 3,500 MT
 - R&D center founded

2022

Launched Nano Collagen

2024

Launched a new Gelatin processing line



Freshwater Fish Sourced

THE NEXT GENERATION OF COLLAGEN PEPTIDES AND GELATIN

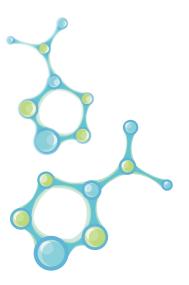
Collagen peptides and gelatin are extracted from various sources such as porcine, bovine, chickens, and fish. In recent years, fish has emerged as a preferred source, being low risk of disease transmission, religiously appropriate, and culturally well-accepted. In addition, collagen peptides and gelatin from fish in sustainable practices reduce waste in food processing and are Earth-friendly.

Vinh Wellness collagen peptides and gelatin are sourced from our own sustainably-raised, tropical, freshwater fish (pangasius hypophthalmus) — a highly stable, fully traceable, single source. As a result, our products are consistent with exceptional quality and ideally suited to the most demanding applications.

Single-sourced production offers complete transparency that addresses consumers' growing desire for safety, purity, environmental responsibility, and traceability. Single source also means complete quality control of the raw ingredients as well as the final products. All Vinh Wellness collagen peptides and gelatin are produced this way. In the following pages, we will explain the other unique advantages our single-sourced products offer to your consumers.

Unlike collagen and gelatin from ocean fish, Vinh Wellness Collagen peptides and gelatin are low in sodium. It is also free of fat, carbs, sugar, and cholesterol. In addition, Vinh Wellness collagen peptides and gelatin are highly soluble and 100% natural, containing no artificial colors, flavors, additives, or preservatives.

All the above help identify our collagen and gelatin as the next generation of collagen peptides and gelatin.



FOUR UNIQUE ADVANTAGES OF TROPICAL FRESHWATER

Collagen Peptides And Gelatin



While marine collagen from saltwater species offers clear advantages over other animal sources, collagen derived from tropical freshwater fish provides even more significant benefits. Here are the top four advantages of tropical freshwater fish collagen.

1. Compatibility: more of the right building blocks are delivered to cells

It is a fact that marine collagen has superior absorption and bioavailability compared to bovine and porcine collagen. But, how many of the fish collagen peptides that reach cells are actually useful? That, of course, depends on what amino acids are present in the collagen. And the source of the collagen. Our tropical freshwater collagen offers a unique advantage in this aspect over all other marine sources. At the molecular level, the collagen structure in an animal's skin is heavily influenced by the temperature in which it lives. An animal that lives at room temperature will develop collagen similar to that of other species living at the same temperature, including humans. The more similar marine collagen is to human collagen, the better.

While ocean fish may seem like a good source of collagen, their skin is adapted to cold saltwater, resulting in collagen that is quite different from that found in terrestrial species. By contrast, our farm-raised Pangasius (Pangasius Hypophthalmus) spend their entire lives in fresh, room-temperature water, The result is collagen that more closely resembles the amino acid profile of human skin compared to other marine sources. This means that more amino acids delivered to the cells are viable and can be metabolized through various anabolic processes.

2. Purity: exceptional purity with no heavy metals

Collagen peptides and gelatin sourced from tropical freshwater fish offer unmatched purity. Studies have shown that marine collagen from ocean dwelling-fish can be contaminated with heavy metals and other contaminants. Our freshwater, farm-raised fish minimize this risk. And, because Vinh Wellness collagen is single-sourced, you get a level of product uniformity batch-to-batch and year-to-year-that would otherwise be impossible to match.

3. Scent: freshwater imparts less odor and taste

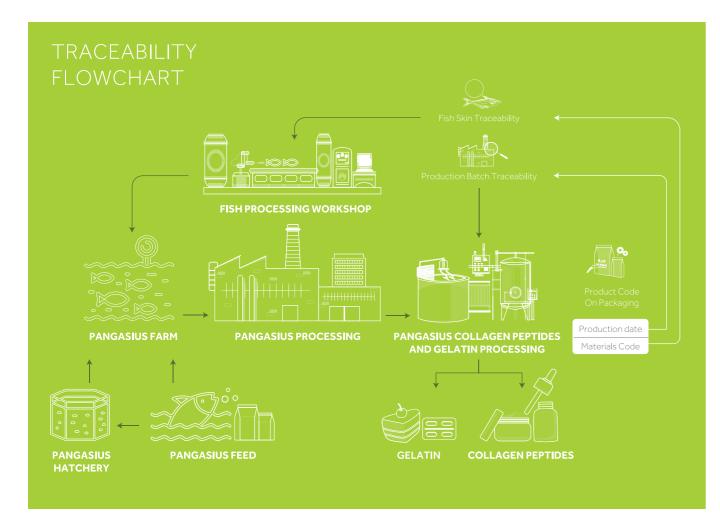
Collagen peptides and gelatin sourced from sea fish contain higher sodium levels, which can influence taste. Since Vinh Wellness collagen peptide and gelatin products are sourced from freshwater fish, they are naturally low in sodium. Also, marine collagen made from ocean-dwelling fish is often produced by blending the skins of a wide variety of species. In addition to the lack of traceability and uniformity, this practice is more likely to add unwanted odors and favors to the collagen. This is not an issue with our highly controlled, single-sourced, freshwater production.

4. Efficacy: unique beneficial amino acid chains

Vinh Wellness collagen peptides and gelatin contain a unique amino acid profile. Our single-sourced Pangasius fish is an excellent source of branched-chain amino acids (BCAA), isoleucine, leucine, and valine. Compared to other marine sources, Vinh Wellness collagen also contains higher concentrations of proline, hydroxyproline, lysine, and phenylalanine. In addition to providing specific health benefits, our single-sourced processing means Vinh Wellness can deliver this unique amino acid profile consistently, batch-to-batch and year-to-year.

HOW Single-sourced PRODUCTION BENEFITS YOUR BUSINESS, YOUR CUSTOMERS, AND OUR PLANET

SINGLE-SOURCED PROCESSING



A NEW STANDARD FOR COLLAGEN PEPTIDES AND GELATIN

When producing collagen peptides and gelatin, the raw materials can affect the final products' purity, efficacy, and safety. As such, most collagen and gelatin producers try to control the quality standard for these raw materials. However, it is a challenging task to do that because the raw materials are

sourced from third-party slaughterhouses or fish processing plants. Additionally, collagen and gelatin derived from a single source in this extraordinary manner have the dual advantages of uniformity and traceability. Buyers know the resulting product is safe, pure, ethical, and environmentally sustainable.



UNIFORMITY

Thanks for applying the single-sourced production, we exercise total control of production as well as over our raw materials. This unique process results in product uniformity and consistency from batch to batch and year to year.



TRACEABILITY

We breed and raise our own fish to have complete control over production. Our traceability code on the packaging includes production date and materials code, allowing us to quickly identify and address any issues. We can trace back to each processing workshop and fish farm, ensuring top-quality products for our customers.



SUSTAINABILITY

Vinh Wellness uses raw materials for their collagen and gelatin that are certified by the Aquaculture Stewardship Council (ASC). The farm that supplies the materials meets the highest industry standards for things like water quality, responsible sourcing of feed, animal welfare, fair treatment of workers, and community relations.



24-HOUR PROCESS

The proximity of our ponds and fish factories to our processing facilities means that the fish are processed into collagen or gelatin within 24 hours of being harvested, guaranteeing their freshness as raw materials. The complete production process is tightly monitored to ensure the fastest production, creating a high level of efficiency and quality.



MODERN AND SOPHISTICATED FACILITIES

In state-of-the-art processing plant in Dong Thap, we are able to provide the highest-grade, freshwater collagen and gelatin using the latest machinery. Our modern processing plant meets European standards using a closed-loop, clean-in-place system for high levels of hygiene. Our rigorous water supply treatment station includes multiple stages of filtration, demineralization, High-speed deposition, and sterilization by specific disinfectants. As a result, our treated water before use in production has been shown to eliminate up to 99% of heavy metals, pesticides, and non-biodegradable substances such as PFAS. Before production, the treated water strictly controlled conductivity at less than 10 $\mu\text{S/cm}$, meeting drinking water standards.



SAFETY WITH FISH ALLERGY MANAGEMENT

Completely removing epitope protein allergens from fish collagen peptides and gelatin can be challenging. At Vinh Wellness, we eliminate their allergenic potential with Enzymatic Hydrolysis before filtration, then remove Epitope Hydrolyzed after filtration by membrane filtration. As a result, our products are completely safe for consumers.



100% NATURAL

Vinh Wellness Collagen is highly soluble and 100% natural, containing no artificial colors, flavors, additives, or preservatives. It is also free of fat, carbs, sugar, and cholesterol. Unlike collagen from ocean fish, Vinh Wellness Collagen is low in sodium.

24-HOUR PROCESS COLLAGEN PEPTIDES AND GELATIN

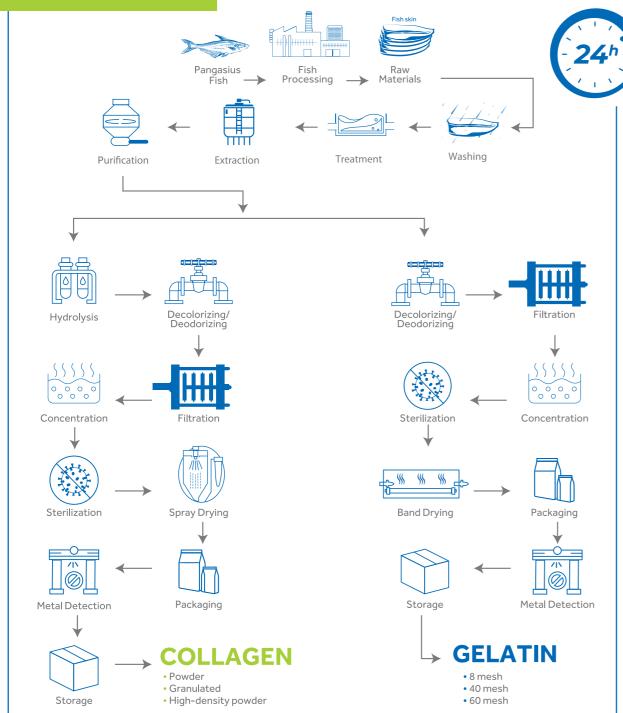
At Vinh Wellness, we take pride in delivering the freshest, highest-quality collagen products to our valued customers. Our commitment to excellence starts with our raw materials and extends through every meticulous step of our production process.

Unlike other collagen manufacturers, we strictly adhere to a 24-hour processing timeline, ensuring that our products reach you with unparalleled freshness and quality. This swift turnaround time guarantees optimal sensory value and preserves the essential benefits of collagen for your health and well-being.

What sets us apart is our dedication to natural methods - our collagen processing involves absolutely no chemical treatments. By prioritizing natural processes, we not only safeguard the purity of our products but also uphold our responsibility to the environment.

With Vinh Wellness Collagen Ingredients, you can trust that every batch is a testament to our commitment to quality, freshness, and sustainability. Elevate your product offerings with collagen ingredients you can rely on - choose Vinh Wellness for a difference your customers can taste, feel, and trust.

24-HOUR PROCESS COLLAGEN PEPTIDES AND GELATIN

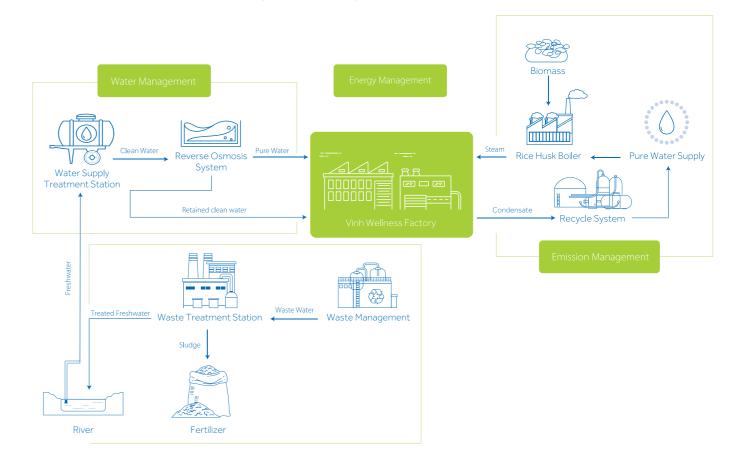




SUSTAINABILITY-DRIVEN INNOVATION FOR A BETTER WORLD

At Vinh Wellness, innovation should drive progress and contribute to a better world. Sustainability-driven innovation is a business strategy that integrates sustainability principles into innovation. The goal is to create environmentally responsible, socially beneficial, and economically viable products, services, and processes. We apply sustainability

principles to our manufacturing processes to minimize carbon footprint and conserve natural resources. That's why we have invested in sustainability-driven innovation focusing on water management, energy consumption, waste management, and emission management.



COLLAGEN PEPTIDES

Collagen is the most abundant protein in the human body, constituting roughly one-third of total protein content. It is necessary for the formation of bones, skin, muscles, tendons, and ligaments. Vinh Wellness Collagen is highly soluble and 100% natural, that contains no artificial colors, flavors, additives, or preservatives. It is also free of fat, carbs, sugar, and cholesterol. Unlike collagen from ocean fish, Vinh Wellness Collagen is low in sodium. Additionally, our products are Halal certified and widely accepted across cultures and religions.



COLLAGEN PEPTIDE

Molecular weight (Da) 1000 - 2000

White, fine powder

Very good, soluble in cold water

Absorption

Odor and Taste

Applications

Packaging
Retail 10KG bag/Jumbo 350KG bag



COLLAGEN TRIPEPTIDE TRIOGEN

Molecular weight (Da)

500 - 1000

Min 15%

White, fine powder

Very good, soluble in cold water

Superior

Odor and Taste

Neutral to light scent, neutral to lightly astringent taste

Nutraceuticals and Cosmeceuticals

Retail 10KG bag/Jumbo 350KG bag



COLLAGEN

Molecular weight (Da) Max 1000

White, fine powder

Very good, soluble in cold water

Odor and Taste Neutral

Nutraceuticals and Cosmeceuticals

Retail 10KG bag/Jumbo 350KG bag

COLLAGEN

Molecular weight (Da) 500-1000

Molecular weight (<500Da)

Min 40%

Slightly ivory, fine powder

Very good, soluble in cold water

Absorption Very high

Odor and Taste

Neutral

Nutraceuticals and Cosmeceuticals

Packaging Retail 10KG bag/Jumbo 350KG bag



HEALTH AND WELLNESS

Vinh Wellness Collagen is easily absorbed by the body, and helps:

- Maintain connective tissues
- Build muscle
- Enhance joint structure



NUTRACEUTICALS

For nutritional and dietary products, Vinh Wellness Collagen is well suited for:

SUITABLE

- Amino acid supplements
- Weight management products
- Any product aimed at preventing wrinkles and promoting health, smother, younger-looking skin





COSMECEUTICALS

For beauty care and anti-aging products, Vinh Wellness Collagen:

- Improves skin elasticity
- Enhances water absorption capacity
- · Aids in wrinkle reduction



COLLAGEN PEP-V

Molecular weight (Da)

Max 500

Appearance Ivory, fine powder

Solubility
Very good, soluble in cold water

Absorption

Very high Odor and Taste

Light smoky scent, neutral to

astringent taste at high concentration

Packaging
Retail 10KG bag/Jumbo 350KG bag

GELATIN

Vinh Wellness gelatin delivers a unique amino acid profile, characterized by high glycine, proline and hydroxyproline, accounting for about half of total amino acids. Our gelatin is derived from one species of freshwater, tropical fish called pangasius hypophthalmus. That gives Vinh Wellness gelatin a highly beneficial amino acid profile, meeting the most stringent demands of the pharmaceutical industry and being a good choice for high-end food and beverage applications. Because it contains no pork or beef products, Vinh Wellness gelatin is widely accepted across cultures and religions.



FOOD GRADE

Gel Strength (Bloom)
200 (± 15); 250 (± 15)
Viscosity (mPas, 6.67% at 60°C):
≥ 2.0; ≥ 2.5
Applications

Confectionery, dairy, desserts

Retail 15KG bag/Jumbo 550KG bag









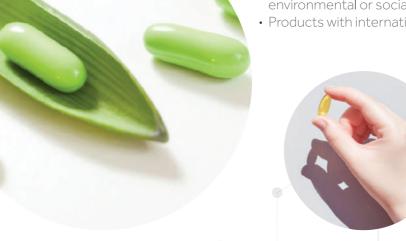
- High-end food and beverage applications
- Companies seeking to enhance their brand's environmental or social responsibility profile
- Products with international or cross-cultural distribution







- Soft capsules
- Companies seeking to enhance their brand's environmental or social responsibility profile
- Products with international or cross-cultural distribution





Madern AND SOPHISTICATED FACILITIES

With our state of the art processing plant in Dong Thap, we are able to provide the highest-grade, freshwater collagen and gelatin using the latest machinery. Our modern processing plant meets European standards using a closed-loop, clean-in-place system for high levels of hygiene that is certified by WHO-GMP, HACCP and ISO.



OUR ertifications



Good Manufacturing Practices (GMP)



Halal Certification



Best Aquaculture Practices (BAP)



Global Good Aquaculture Practices (GLOBAL GAP)



Hazard Analysis and Critical Control Point (HACCP)



ISO 9001: Quality Management



ISO 14001: Environmental Management



Aquaculture Stewardship Council (ASC)



Aquaculture Stewardship Council for Chain of Custody (ASC-CoC)

A MULTI-LEVEL APPROACH TO SERVICE

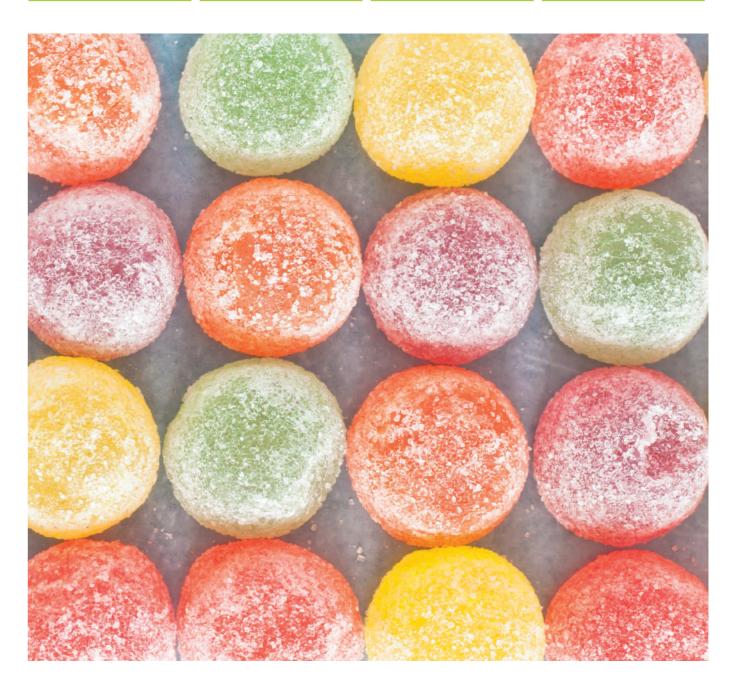
Vinh Wellness believes that manufacturing premium products is just one element of our success. Our accompanying service ensures that we equally match our high quality products. Our premium support includes:

Formulation support, research, manufacturing under our clients' brands

Customization for special requests or technical questions

Extensive quality control checks on all products

Highly personalized support before, during, and after sales



Corporate SOCIAL RESPONSIBILITY

We understand that as a corporate entity, we have a responsibility to contribute to society and improve the lives of those around us. That is why we have made Corporate Social Responsibility (CSR) a fundamental part of our business strategy. Annually, our company engages in a range of CSR activities that benefit both our employees and the wider community.









19

EMPLOYEE CARE

Training Course

We believe that investing in our employees' personal and professional development is key to their success and the success of our organization. To this end, we provide our employees with access to a range of training courses to enhance their skills and knowledge in various areas.

Team Building

Furthermore, we understand that team-building activities are essential in building a positive and cohesive corporate culture. These activities not only foster a sense of camaraderie among our team but also improve their overall well-being and job satisfaction.

Health and Wellness

We also engage in physical activities that promote health and wellness. Our company regularly participates in running and marathon challenges as well as other fitness events to encourage our employees to stay active and healthy. By prioritizing physical health, we hope to create a work environment that values and supports the holistic well-being of our employees.

SOCIAL SUPPORT

We are proud to be part of a larger corporate family that shares our commitment to CSR. Our parent company, Vinh Hoan Corporation, is actively involved in social and environmental initiatives that have a positive impact on the communities where we operate. By partnering with our parent company, we can combine our efforts and resources to make an even greater impact and contribute to a better future for all.