

## **Hydrolyzed Collagen Market Report and Forecast 2025-2034**

Market Report | 2025-06-30 | 165 pages | EMR Inc.

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### **Report description:**

The global market for hydrolyzed collagen reached nearly USD 1.50 Billion in 2024. The market is projected to grow at a CAGR of 8.00% between 2025 and 2034 to reach a value of around USD 3.24 Billion by 2034.

#### Hydrolyzed Collagen Market Growth

Hydrolyzed collagen refers to a chemical compound belonging to the peptide group. It is obtained by an enzymatic action in acid or alkaline media. Hydrolyzed collagen can be easily absorbed into the bloodstream and provides various medicinal and skin-related benefits.

The growth of the hydrolyzed collagen market can be associated with the increasing usage of the product in cosmetics due to its moisturising and film-forming properties. Moreover, the increasing demand for skincare products that can reduce the appearance of damaged skin and provide skin with a soft texture is boosting the demand for hydrolyzed collagen.

#### Hydrolyzed Collagen Market Trends

Increasing spending on collagen supplements, in order to improve gut and digestive health, manage symptoms of osteoarthritis, and reduce the signs of ageing, among others, is a key hydrolyzed collagen market trend.

Over the forecast period, the anticipated increase in the demand for nutricosmetics products is likely to propel the sale of marine and bovine collagen in powder or capsule form. This can be attributed to the increasing awareness about skin, nail, and hair health among consumers.

#### Recent Developments

As per the hydrolyzed collagen market dynamics and trends, Designs for Health announced the launch of the two new collagen

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products, Whole Beauty Collagen and Collagen +MCT, in November 2023. Both of these products feature hydrolyzed collagen products which can improve the skin texture, nail strength and hair.

## Industry Outlook

According to the hydrolyzed collagen industry analysis, a study published in the Collagen Stewardship Alliance researched the effects of low-molecular-weight collagen peptides on skin. The research was performed to determine its effects on reducing wrinkles and improving the elasticity and hydration of the skin. In this study, 100 participants were chosen and asked to consume collagen supplements daily for 12 weeks. The result of the study showed significant improvement in the skin texture and other parameters.

Another study published in March 2024 was performed to research the benefits of collagen supplements along with jumping exercises on the preservation of bone mineral density (BMD) among cyclists. This study was conducted over 18 weeks and showed that the combination of the two can enhance BMD in the femoral neck area. This study showed potential benefits for elite cyclists who are more prone to low BMD and can boost the growth of the hydrolyzed collagen industry.

A clinical trial was performed in 2024 for the study of high-functional bovine collagen peptide or Type J in the management of knee osteoarthritis (OA). This research showcased that Type J collagen peptides can improve the symptoms of OA and slow down cartilage degradation in joints. This study if explored further for medical use can also contribute to the hydrolyzed collagen industry revenue.

## Increasing Health and Wellness Awareness and Diverse Applications Drive the Success of the Global Market

- Increasing health and wellness awareness among consumers.
- Diverse applications in food and beverages, pharmaceuticals, cosmetics, and nutraceuticals can boost hydrolyzed collagen demand growth.
- Aging population seeking joint and bone health supplements.
- Functional benefits such as improved skin health, joint support, and muscle mass enhancement.

## Challenges Impacting the Global Market Include High Manufacturing Costs, Regulatory Compliance, and Market Fragmentation

- Advanced extraction and production techniques increase manufacturing costs.
- Compliance with various health and safety regulations across different regions.
- The presence of numerous small and medium-sized players can impact the hydrolyzed collagen demand forecast.
- Lack of awareness and scepticism among consumers.

## Key Trends Shaping the Global Market Focus on Health-Focused Products, Emerging Economies, and New Formats

- Growth in the incorporation of hydrolyzed collagen in health-focused food and drink products.
- Growing health awareness and disposable incomes in emerging economies.

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- Development of new product formats such as powders, capsules, and ready-to-drink solutions can boost hydrolyzed collagen demand.
- Increasing interest in customized health and wellness products.

Threats and Challenges in the Global Market Arise from Economic Volatility, Supply Chain Issues, and Competition

- Economic volatility affecting consumer spending on non-essential health products.
- Supply chain disruptions due to dependence on animal by-products.
- Growing popularity of plant-based proteins as alternatives can contribute to the hydrolyzed collagen market value.

Key Players in the Global Market and Their Strategic Initiatives

Darling Ingredients Inc.

- Innovative Product Development: Focuses on developing innovative hydrolyzed collagen products with enhanced bioavailability and functional benefits, investing heavily in R&D to introduce new formulations and applications.

Gelita AG

- Expansion in Emerging Markets: Pursuing expansion in emerging markets by establishing new distribution networks and partnerships, aiming to tap into the growing demand for health and wellness products in regions like Asia-Pacific and Latin America, can aid the demand of hydrolyzed collagen market.

Nitta Gelatin Inc.

- Customization and Personalization: Provides customized collagen solutions tailored to specific consumer needs, such as beauty, joint health, or muscle recovery, utilizing consumer insights to develop personalized products.
- Advanced Manufacturing Techniques: Leverages advanced manufacturing techniques to enhance production efficiency and product quality, adopting state-of-the-art technology to ensure consistency and efficacy.

PB Leiner

- Strategic Partnerships and Acquisitions: Expanding market presence through strategic partnerships and acquisitions, enhancing product portfolios and entering new market segments can boost hydrolyzed collagen market revenue.

Weishardt Group

- Expansion in Emerging Markets: Focuses on expanding in emerging markets by establishing new distribution networks and partnerships, aiming to meet the growing demand for health and wellness products in regions like Asia-Pacific and Latin America.

Hydrolyzed Collagen Industry Segmentations

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The EMR's report titled "Global Hydrolyzed Collagen Market Report and Forecast 2025-2034" offers a detailed analysis of the market based on the following segments:

#### Market Breakup by Form

- Liquid
- Powder
- Capsules

#### Market Breakup by Application

- Food
- Health and Nutrition
- Pharmaceuticals
- Cosmetics
- Others

#### Market Breakup by Region

- North America
- Europe
- Asia Pacific
- Latin America
- Middle East and Africa

#### Hydrolyzed Collagen Market Share by Form

Powder accounts for a significant portion of the hydrolyzed collagen market share. Hydrolyzed collagen powder can be easily absorbed by the body and can be readily dissolved in various beverages and meals such as tea, coffee, soup, oatmeal, and yoghurt, among others. In addition, hydrolyzed collagen powder offers more collagen peptides per serving as compared to the other forms. It is shelf-stable and can contain better-for-you ingredients, which is further bolstering its preference in different applications.

#### Competitive Landscape

The comprehensive EMR report provides an in-depth assessment of the market based on the Porter's five forces model along with giving a SWOT analysis. The report gives a detailed analysis of the key players in the global hydrolyzed collagen market, covering their competitive landscape and latest developments like mergers, acquisitions, investments and expansion plans.

#### Gelita AG

Gelita AG is a leading food company which manufactures products derived from gelatine, collagen peptides, fats, proteins, and haemostats, among others. This company is also known to produce future-oriented ingredients.

#### Nitta Gelatin, Inc.

Nitta Gelatin, Inc. is a producer of gelatine and collagen ingredients for the food, dietary supplements, and pharmaceutical sectors,

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among others. The product portfolio of this company includes Wellnex Collagen Peptides and beMatrix, among others.

Darling Ingredients International Holding B.V. (Rousselot)

Darling Ingredients International Holding B.V. (Rousselot) is a company which offers collagen-based solutions for various sectors, including food, health and nutrition, and biomedical, among others. The company is headquartered in Texas, the United States.

Other market players include Viscofan SA, ConnOils LLC, Gelnex, Hainan Zhongxin Chemical Co., Ltd., Essen Foodies India Pvt Ltd, and Foodmate Co., LTD., among others.

Hydrolyzed Collagen Market Regional Analysis

North America is expected to witness a healthy growth in the forecast period. Hydrolyzed collagen offers a variety of health benefits, such as relief from joint pain, improved muscle mass, and reduced bone loss, among others. Hence, the increasing inclination towards health and fitness by the young population, owing to the rising prevalence of obesity and various diseases, is driving the market.

Hydrolyzed collagen is also utilised as one of the major constituents in cosmetic and personal care formulations. In this regard, the growing preference for products that can improve skin and hair health is further generating the hydrolyzed collagen industry expansion.

Hydrolyzed Collagen Market Report Snapshots

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