

North America Collagen Market Report and Forecast 2025-2034

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Report description:

The collagen market in North America was valued at USD 3.31 Billion in 2024. The market is further projected to grow at a CAGR of 5.20% between 2025 and 2034, reaching a value of USD 5.50 Billion by 2034.

North America Collagen Market Growth

Although collagen is the most abundant protein in the human body, its production slows down as people age. This leads to joint pains and the appearance of wrinkles. Additional factors that can speed up the decline of collagen in the body include sun exposure and smoking, along with chronic stress, and lack of sleep or exercise.

According to the North America collagen market analysis, collagen is essential for optimal bodily functioning. The protein aids in several essential body functions, such as skin repair, maintaining bone density, bone strengthening, and maintaining cardiovascular health. Customers in the United States reportedly use collagen products for several reasons, including strengthening their immune system, managing their digestive health, increasing their energy, and managing their weight.

Further, collagen types I, II, and III are crucial contributors to skin and musculoskeletal health. They can be found in a range of oral supplements in products that are broken down and easy to digest, known as hydrolysed collagen or collagen peptides. Advancement in research to develop high-quality and safe collagens aids the North America collagen market value. For instance, in November 2023, BASF and 3Helix Inc., a Utah-based technology start-up, announced their innovation partnership on 3Helix's proprietary collagen-hybridising peptide (CHP) technology.

North America Collagen Market Trends

Collagen is now being incorporated into a variety of personal grooming products. For instance, companies are developing collagen-infused hair care products that claim to strengthen and nourish hair, making it look healthier and more vibrant. These products are said to help repair damage, prevent breakage, and promote overall hair health.

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Recent Developments

Elemis, a well-known skincare company specialising in collagen-based skincare solutions, announced its plans to enter the American market by collaborating with Sephora in February 2024. Customers at Sephora can purchase a variety of popular Elemis products such as the pro-collagen cleansing balm, pro-collagen marine cream SPF 30, and dynamic resurfacing pads.

Industry Outlook

As per the North America collagen industry analysis, the beauty and skincare sector is witnessing a rise in collagen-based products, as consumers seek out anti-ageing and skin rejuvenation solutions. Collagen is also included into a wide range of skincare products such as creams, serums, and masks, to promote firmness, elasticity, and hydration in the skin. Additionally, the use of collagen in hair care products is experiencing significant growth as it can strengthen and nourish hair follicles. The sports nutrition sector is another area where collagen demand is rising. Athletes and fitness enthusiasts are readily consuming collagen supplements to support muscle recovery, joint health, and overall athletic performance.

The medical and pharmaceutical sectors are also exploring the potential of collagen in various applications such as tissue regeneration, wound healing, and drug delivery systems, which fuels the North America collagen industry revenue. The development of advanced biomaterials and medical implants using collagen is opening up new opportunities for treating injuries, diseases, and age-related conditions.

As the demand for collagen continues to grow, there is a focus on sustainable and ethical sourcing practices in the market. This has led to an increase in the use of marine collagen, derived from fish and other marine sources, which is considered more environmentally friendly and has a lower risk of contamination. Additionally, efforts are being made to ensure the ethical treatment of animals in collagen production, as well as the use of by-products from the food sector to minimise waste, which can bolster the growth of the North America collagen industry.

One of the key advancements in collagen extraction is the development of new technologies through which collagen can be extracted without compromising its structural integrity or bioactivity. This has led to the development of collagen products that are more effective in promoting skin health, joint function, and overall well-being.

Growing Health and Wellness Trends and a Wide Range of Applications Drive the Success of the North American Collagen Market

- Growing health and wellness trend boosts demand for collagen supplements, further influencing the North America collagen market demand forecast.
- Wide range of applications in food and beverages, pharmaceuticals, cosmetics, and nutraceuticals.
- The elderly population are seeking joint and bone health supplements.
- Innovations in extraction and production processes improve product quality and efficiency.

Challenges Impacting the 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 negatively impacts the North America collagen

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market demand growth.

- Market fragmentation leads to intense competition.

Key Trends Shaping the Market Focus on Health-Focused Products, New Formats, and E-commerce Growth

- Increasing incorporation of collagen in health-focused food and drink products.
- Development of new product formats such as powders, capsules, and ready-to-drink solutions.
- As per North America collagen market dynamics and trends, increasing interest in customized health and wellness products.
- Growing e-commerce platforms and digital marketing strategies to reach a broader audience.

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

- Economic downturns affecting consumer spending on non-essential health products.
- Dependence on animal by-products is susceptible to supply chain issues and can affect North America collagen demand.
- Competition from alternative proteins.

Key Players in the Market and Their Strategic Initiatives

The key players in the market include Darling Ingredients International Holding B.V., Gelita AG, Nitta Gelatin Inc., PB Leiner, and Vital Proteins LLC.

Darling Ingredients International Holding B.V.

- **Innovative Product Development:** Focuses on developing innovative collagen products with enhanced bioavailability and functional benefits, investing heavily in R&D to introduce new formulations and applications which can aid the growth of the North America collagen market.
- **Marketing and Consumer Education:** Educates consumers about the benefits of collagen through marketing campaigns, social media, and informational content to build consumer trust and drive market adoption.

Nitta Gelatin Inc.

- **Customization and Personalization:** Custom collagen solutions are offered to meet personalised needs such as beauty, joint health, and muscle recovery, which can aid North America collagen market opportunities.

PB Leiner

- **Strategic Partnerships and Acquisitions:** Expand market presence through strategic alliances and acquisitions, improving product offerings, tapping into new market sectors and boosting North America collagen market revenue.

Vital Proteins LLC

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- Marketing and Consumer Education: Educating consumers on marketing campaigns and informational content about collagen usage to build consumer trust.

North America Collagen Industry Segmentations

North American Collagen Market Report and Forecast 2025-2034 offers a detailed analysis of the market based on the following segments.

Market Breakup by Product Type:

- Hydrolysed Collagen
- Native Collagen
- Others

Market Breakup by Type:

- Type I
- Type II
- Others

Market Breakup by Form:

- Dry
- Liquid

Market Breakup by Source:

- Bovine
- Poultry
- Porcine
- Marine
- Others

Market Breakup by Application:

- Nutritional Products
 - Food and Beverage Products []_x000D_ _x000D_ Snacks, Soups, and Sauces _x000D_ Dairy Products _x000D_ Beverages _x000D_ Meat and Poultry Products _x000D_ Confectionery Products _x000D_ Pet Food _x000D_ Others _x000D_ _x000D_
 - Nutritional Products
 - Food and Beverage Products []_x000D_ _x000D_ Snacks, Soups, and Sauces _x000D_ Dairy Products _x000D_ Beverages _x000D_ Meat and Poultry Products _x000D_ Confectionery Products _x000D_ Pet Food _x000D_ Others _x000D_ _x000D_
 - Cosmetics and Personal Care Products
 - Pharmaceuticals Products
 - Others
- Cosmetics and Personal Care Products

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- Pharmaceuticals Products
- Others

Market Breakup by Country:

- United States of America
- Canada

North America Collagen Market Share

Bovine collagen accounts for a significant market share due to its abundant supply and cost efficiency. It is commonly found in various biomedical applications in North America such as wound dressings, bone grafts, and tissue engineering and is also a popular ingredient in dietary supplements, particularly those aimed at promoting joint health and skin elasticity.

Competitive Landscape

The North America collagen market key players are:

- Gelita AG
- Koninklijke DSM NV
- Darling Ingredients Inc.
- Evonik Industries AG
- Ashland Inc.
- Tessenlo Group NV
- Nitta Gelatin NA Inc.
- Holista Colltech Ltd
- Cobiosa Industrias Asociadas S.L.
- Others

North America Collagen Market Regional Analysis

The United States hold a substantial market share due to the growing presence of key market players investing in research and development activities. The advancements in the healthcare system, rising consumer awareness, and increasing focus on health and wellness products are further driving the market's expansion.

North America Collagen Market Report Snapshots

North America Collagen Market Size

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