

Collagen Market: Global Industry Trends, Share, Size, Growth, Opportunity and Forecast 2022-2027

https://marketpublishers.com/r/C86646615137EN.html

Date: September 2022

Pages: 141

Price: US\$ 2,499.00 (Single User License)

ID: C86646615137EN

Abstracts

The global collagen market size reached US\$ 8.8 Billion in 2021. Looking forward, IMARC Group expects the market to reach US\$ 12.9 Billion by 2027, exhibiting a growth rate (CAGR) of 6.97% during 2022-2027. Keeping in mind the uncertainties of COVID-19, we are continuously tracking and evaluating the direct as well as the indirect influence of the pandemic on different end use industries. These insights are included in the report as a major market contributor.

Collagen is an insoluble fibrous structural protein that forms a significant part of the extracellular matrix and several tissues in the body. It can be synthetically produced using amino acids, glycine, hydroxyproline, and arginine. It provides health benefits like preventing bone loss, relieving joint pain, boosting muscle mass, promoting brain health, improving hair and nail growth, and enhancing skin strength and elasticity. As a result, it is used as a vital ingredient in the formulation of various cosmetics and personal care products. It is also utilized in the manufacturing of flowable scaffolds, nerve tubes, ophthalmic shields, bone graft substitutes, vascular closure devices, and dental membranes and plugs worldwide.

Collagen Market Trends:

As collagen forms a building block of body structures, its degradation can result in numerous disorders. Some of these disorders include scurvy, Stickler, Marfan, Alport, Ehlers-Danlos, systemic sclerosis, osteogenesis imperfecta, oral submucous fibrosis, systemic lupus erythematosus, and epidermolysis bullosa. The rising number of individuals suffering from these disorders represents one of the key factors fueling the market growth. Moreover, collagen production slows down with age, thereby leading to skin sagging, breakdown, wrinkles, and aging. This, along with the growing willingness among individuals to maintain healthy and youthful skin, is catalyzing the demand for



collagen-based supplements across the globe. The market growth can be further attributed to the increasing consumption of alcohol and tobacco products that affect collagen synthesis in the body. As it is associated with cell interaction, migration, attachment, differentiation, and organization, collagen is extensively utilized in tissue engineering around the world. Apart from this, due to the growing prevalence of chronic diseases, it is gaining widespread utilization as assays to ensure reproducibility. Furthermore, leading players are developing recombinant collagen technologies, which are anticipated to expand their application in the biomedical sector.

Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global collagen market report, along with forecasts at the global, regional and country level from 2022-2027. Our report has categorized the market based on source, product and application.

| Breakup by | / Source: |
|------------|-----------|
|------------|-----------|

Bovine

Porcine

Poultry

Marine

Others

Breakup by Product:

Gelatin
Hydrolyzed Collagen
Native Collagen
Synthetic Collagen
Others

Breakup by Application:

Food and Beverages
Functional Food
Functional Beverages
Dietary Supplements
Confectionary
Desserts



Meat Processing

Healthcare

Bone and Joint Health Supplements

Wound Dressing

Tissue Regeneration

Medical Implants

Cardiology

Drug Delivery

Cosmetics

Beauty Supplements (Nutricosmetics)

Topical Cosmetic Products

Others

Breakup by Region:

North America

United States

Canada

Asia-Pacific

China

Japan

India

South Korea

Australia

Indonesia

Others

Europe

Germany

France

United Kingdom

Italy

Spain

Russia

Others

Latin America

Brazil

Mexico

Others

Middle East and Africa



Competitive Landscape:

The competitive landscape of the industry has also been examined along with the profiles of the key players being Advanced BioMatrix Inc., Collagen Solutions Plc (Rosen's Diversified Inc.), Connoils LLC, Croda International Plc, Gelita AG, Gelnex, ITALGELATINE S.p.A., Koninklijke DSM N.V., Lapi Gelatine S.p.a., Nippi Collagen NA Inc. (Nippi Inc), Nitta Gelatin NA Inc., Rousselot (Darling Ingredients) and Tessenderlo Group.

Key Questions Answered in This Report

- 1. What is the expected growth rate of the global collagen market during 2022-2027?
- 2. What are the key factors driving the global collagen market?
- 3. What has been the impact of COVID-19 on the global collagen market?
- 4. What is the breakup of the global collagen market based on the source?
- 5. What is the breakup of the global collagen market based on the product?
- 6. What is the breakup of the global collagen market based on the application?
- 7. What are the key regions in the global collagen market?
- 8. Who are the key players/companies in the global collagen market?



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