

Gelatin Market Report by Raw Material (Pig Skin, Bovine Hides, Bones, and Others), End Use (Food and Beverages, Nutraceuticals, Pharmaceuticals, Photography, Cosmetics, and Others), and Region 2024-2032

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Abstracts

The global gelatin market size reached 464,410 Tons in 2023. Looking forward, IMARC Group expects the market to reach 526,920 Tons by 2032, exhibiting a growth rate (CAGR) of 1.37% during 2024-2032. The increasing consumption of RTE food products, rising product usage as a binding agent, and the growing sales of personal care and cosmetic products represent some of the key factors driving the market.

The Rising Awareness About the Health Benefits Associated with Gelatin Consumption Augmenting the Market Growth

The increasing health consciousness among the masses represents one of the major factors driving the demand for gelatin around the world. Gelatin is rich in amino acids, which are the building blocks of proteins and are easily digestible. It is a high source of collagen which is the most abundant and important protein in the body. It is also good for joints and can help joint recovery and promote skin, hair, and nail health.

Competitive analysis such as market structure, market share by key players, player positioning, top winning strategies, competitive dashboard, and company evaluation quadrant has been covered in the report. Also, detailed profiles of all major companies have been provided. The market structure is concentrated with top six players. The volume of new entrants is low in the gelatin industry due to the presence of only six manufacturers in the industry.

What is Gelatin?

Gelatin is a colorless, flavorless, and water soluble animal protein derived from collagen, which is a structural protein found in the connective tissues of animals, including cows, pigs, and fish. It is obtained by boiling collagen-containing tissues, such as skin, bones, and tendons, in water until the protein is extracted and forms a gel-like substance when cooled. It is rich in protein, vitamins, minerals, calcium, magnesium, potassium, and other essential nutrients. It aids in improving gut health, reducing inflammation, promoting skin health, boosting bone health, and minimizing the appearance of wrinkles. It offers crystallization control, water binding, film-forming, thickening, and emulsifying properties.

COVID-19 Impact:

The COVID-19 pandemic outbreak has caused a significant impact on the gelatin industry and imposed unprecedented challenges on numerous countries. The lockdowns and travel restrictions imposed by many countries disrupted the global supply chain of gelatin. The closure of restaurants and hotels also reduced the demand for gelatin-based products. As a result, many gelatin manufacturers had to cut down their production or shut down their operations temporarily. Moreover, the pandemic affected the raw material supply for the gelatin industry. The collagen used for gelatin is obtained from animal by-products, and the pandemic led to a shortage of these by-products due to the disruption of the meat processing industry. Apart from this, the pandemic created new opportunities for the gelatin industry. The demand for immunity-boosting supplements and functional foods increased during the pandemic, and gelatin is an essential ingredient in these products. Additionally, the demand for gelatin-based pharmaceutical products, such as capsules, increased due to the considerable need for different medications. In response to the challenges posed by the pandemic, many gelatin manufacturers adopted new strategies. They implemented safety measures in their facilities to protect their employees from the virus and focused on developing new products that catered to the changing needs of consumers.

Gelatin Market Trends:

Gelatin is utilized as a gelling agent, stabilizer, and thickener in the preparation of several food products and beverages, such as puddings, mousses, sour cream, yogurt, sausages, wine, beer, soups, and gravies. This, coupled with the increasing consumption of ready to eat (RTE) food products, rising consumption of alcoholic beverages, and thriving food and beverage (F&B) industry, represent one of the key

factors facilitating the market growth around the world. It can also be attributed to rapid urbanization, hectic schedules, and expanding purchasing power of consumers. Furthermore, the increasing usage of gelatin in the manufacturing of nutritional bars and protein drinks and the growing health consciousness among the masses is influencing the market positively. Moreover, the rising utilization of gelatin in the pharmaceutical and nutraceutical industries as a binding agent and coating for producing capsules, tablets, and gummies is propelling the growth of the market. It can also be attributed to the growing consumption of dietary supplements among individuals in their daily diets. In addition, there is an increase in the use of gelatin in the manufacturing of various personal care and cosmetic products, including hair masks, face masks, moisturizers, mascara, eyeliners, shampoo, and conditioners. It also aids in fighting wrinkles, boosting the metabolism, and strengthening nails and hair. This, along with the easy availability of gelatin based personal care and cosmetic products via offline and online retail channels, is favoring the growth of the market. Apart from this, product manufacturers and sellers are extensively investing in the launching of vegan gelatin variants due to the shifting inclination of individuals toward vegan diets and the growing preference for clean label products. They are also funding technologies and processes that reduce waste, energy consumption, water usage and the overall environmental impact.

Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global gelatin market report, along with forecasts at the global and regional level from 2024-2032. Our report has categorized the market based on raw material and end use.

Raw Material Insights:

- Pig Skin
- Bovine Hides
- Bones
- Others

The report has provided a detailed breakup and analysis of the gelatin market based on the raw material. This includes pig skin, bovine hides, bones, and others. According to the report, pig skin represented the largest segment as it has a high content of collagen and the production process is easier and shorter. Moreover, the rising production of gelatin is contributing to the market growth.

End Use Insights:

Food and Beverages
Nutraceuticals
Pharmaceuticals
Photography
Cosmetics
Others

A detailed breakup and analysis of the gelatin market based on the end use has also been provided in the report. This includes food and beverages, nutraceuticals, pharmaceuticals, photography, cosmetics, and others. According to the report, food and beverages accounted for the largest market share to manufacture trifles, aspic, marshmallows, desserts, and candies. It is also used as a blending and glazing agent in the production of canned meat. Moreover, gelatin is used as a thickener and texturizer in products like yogurt, cream cheese, and margarine.

Regional Insights:

Europe
North America
Asia
South America
Others

The report has also provided a comprehensive analysis of all the major regional markets, which include Europe, North America, Asia, South America, and others. According to the report, Europe was the largest market for gelatin. The increasing use of gelatin for combating rheumatoid arthritis, osteoarthritis and osteoporosis and significant growth in the medical sector represents one of the major factors bolstering the market growth in the region. Moreover, the rising utilization of gelatin in various food products and beverages, such as ice-creams, ice-lollies, jellybeans, and candies, is favoring the growth of the market in the region. Apart from this, the growing demand for plant-based and vegetarian gelatin alternatives is influencing the market positively. Furthermore, key players operating in the region are investing in research and development (R&D) to create new and innovative gelatin products.

Competitive Landscape:

The report has also provided a comprehensive analysis of the competitive landscape in the global gelatin market. Some of the companies covered in the report include:

Gelita AG (Formerly DGF Stoess)
Rousselot SAS
PB Gelatin (Tessengerlo Group)
Sterling Biotech Ltd
Weishardt Group
Nitta Gelatin

Please note that this only represents a partial list of companies, and the complete list has been provided in the report.

Key Questions Answered in This Report

1. What was the size of the global gelatin market in 2023?
2. What is the expected growth rate of the global gelatin market during 2024-2032?
3. What are the key factors driving the global gelatin market?
4. What has been the impact of COVID-19 on the global gelatin market?
5. What is the breakup of the global gelatin market based on the raw material?
6. What is the breakup of the global gelatin market based on the end use?
7. What are the key regions in the global gelatin market?
8. Who are the key players/companies in the global gelatin market?

Contents

1 PREFACE

2 SCOPE AND METHODOLOGY

- 2.1 Objectives of the Study
- 2.2 Stakeholders
- 2.3 Data Sources
 - 2.3.1 Primary Sources
 - 2.3.2 Secondary Sources
- 2.4 Market Estimation
 - 2.4.1 Bottom-Up Approach
 - 2.4.2 Top-Down Approach
- 2.5 Forecasting Methodology

3 EXECUTIVE SUMMARY

4 INTRODUCTION

- 4.1 Overview
- 4.2 Properties
- 4.3 Key Industry Trends

5 GLOBAL GELATIN INDUSTRY

- 5.1 Market Overview
- 5.2 Market Performance
 - 5.2.1 Volume Trends
 - 5.2.2 Value Trends
- 5.3 Price Analysis
 - 5.3.1 Key Price Indicators
 - 5.3.2 Price Structure
 - 5.3.3 Price Trends
- 5.4 Impact of COVID-19
- 5.5 Market Breakup by Region
- 5.6 Market Breakup by Raw Material
- 5.7 Market Breakup by End-Use
- 5.8 Market Forecast

- 5.9 SWOT Analysis
 - 5.9.1 Overview
 - 5.9.2 Strengths
 - 5.9.3 Weaknesses
 - 5.9.4 Opportunities
 - 5.9.5 Threats
- 5.10 Value Chain Analysis
 - 5.10.1 Raw Material Procurement
 - 5.10.2 Manufacturing
 - 5.10.3 Marketing
 - 5.10.4 Distribution
 - 5.10.5 Exports
 - 5.10.6 End-Use
- 5.11 Porter's Five Forces Analysis
 - 5.11.1 Overview
 - 5.11.2 Bargaining Power of Buyers
 - 5.11.3 Bargaining Power of Suppliers
 - 5.11.4 Degree of Competition
 - 5.11.5 Threat of New Entrants
 - 5.11.6 Threat of Substitutes
- 5.12 Trade Data
 - 5.12.1 Imports
 - 5.12.2 Exports
- 5.13 Key Market Drivers and Success Factors

6 PERFORMANCE OF KEY REGIONS

- 6.1 Europe
 - 6.1.1 Market Trends
 - 6.1.2 Market Forecast
- 6.2 North America
 - 6.2.1 Market Trends
 - 6.2.2 Market Forecast
- 6.3 Asia
 - 6.3.1 Market Trends
 - 6.3.2 Market Forecast
- 6.4 South America
 - 6.4.1 Market Trends
 - 6.4.2 Market Forecast

6.5 Others

6.5.1 Market Trends

6.5.2 Market Forecast

7 MARKET BY RAW MATERIAL

7.1 Pig Skin

7.1.1 Market Trends

7.1.2 Market Forecast

7.2 Bovine Hides

7.2.1 Market Trends

7.2.2 Market Forecast

7.3 Bones

7.3.1 Market Trends

7.3.2 Market Forecast

7.4 Others

7.4.1 Market Trends

7.4.2 Market Forecast

8 MARKET BY END-USE

8.1 Food and Beverages

8.1.1 Market Trends

8.1.2 Market Forecast

8.2 Nutraceuticals

8.2.1 Market Trends

8.2.2 Market Forecast

8.3 Pharmaceuticals

8.3.1 Market Trends

8.3.2 Market Forecast

8.4 Photography

8.4.1 Market Trends

8.4.2 Market Forecast

8.5 Cosmetics

8.5.1 Market Trends

8.5.2 Market Forecast

8.6 Others

8.6.1 Market Trends

8.6.2 Market Forecast

9 COMPETITIVE LANDSCAPE

9.1 Competitive Structure

9.2 Production Capacities of Key Players

10 GELATIN MANUFACTURING PROCESS

10.1 Product Overview

10.2 Manufacturing Process

10.3 Detailed Process Flow

10.4 Raw Material Requirement

10.5 Mass Balance and Feedstock Conversion Rate

11 GELATIN FEEDSTOCK MARKET ANALYSIS

11.1 Cow and Pig Bones

11.1.1 Market Performance

11.1.1.1 Volume Trend

11.1.1.2 Value Trend

11.1.2 Price Trend

11.1.3 Market Breakup by Region

11.1.4 Key Suppliers

11.2 Sodium Carbonate

11.2.1 Market Performance

11.2.1.1 Volume Trend

11.2.1.2 Value Trend

11.2.2 Price Trend

11.2.3 Market Breakup by Region

11.2.4 Key Suppliers

11.3 Hydrochloric Acid

11.3.1 Market Performance

11.3.1.1 Volume Trend

11.3.1.2 Value Trend

11.3.2 Price Trend

11.3.3 Market Breakup by Region

11.3.4 Key Suppliers

11.4 Quick Lime

11.4.1 Market Performance

- 11.4.1.1 Volume Trend
- 11.4.1.2 Value Trend
- 11.4.2 Price Trend
- 11.4.3 Market Breakup by Region
- 11.4.4 Key Suppliers

12 KEY PLAYER PROFILES

- 12.1 Gelita AG (Formerly DGF Stoess)
- 12.2 Rousselot SAS
- 12.3 PB Gelatin (Tessenderlo Group)
- 12.4 Sterling Biotech Ltd
- 12.5 Weishardt Group
- 12.6 Nitta Gelatin

List Of Tables

LIST OF TABLES

Table 1: Gelatin: Physical Properties

Table 2: Gelatin: Chemical Properties

Table 3: Global: Gelatin Market: Key Industry Highlights, 2023 and 2032

Table 4: Global: Gelatin Market Forecast: Breakup by Region (in '000 Tons), 2024-2032

Table 5: Global: Gelatin Market Forecast: Breakup by Raw Material (in '000 Tons), 2024-2032

Table 6: Global: Gelatin Market Forecast: Breakup by End-Use (in '000 Tons), 2024-2032

Table 7: Global: Gelatin Market: Imports by Major Countries

Table 8: Global: Gelatin Market: Exports by Major Countries

Table 9: Global: Gelatin Market: Competitive Structure

Table 10: Global: Gelatin Market: Capacity of Major Players (in '000 Tons)

Table 11: Gelatin/Ossein Manufacturing Process: Raw Material Requirements

Table 12: Global: List of Major Pork and Beef Producers

Table 13: Global: Major Sodium Carbonate Producers

Table 14: Global: Major Hydrochloric Acid Manufacturers

List Of Figures

LIST OF FIGURES

- Figure 1: Global: Gelatin Market: Major Drivers and Challenges
- Figure 2: Global: Gelatin Market: Sales Volume Trends (in '000 Tons), 2018-2023
- Figure 3: Global: Gelatin Market: Sales Value Trends (in Billion US\$), 2018-2023
- Figure 4: Global: Gelatin Market: Average Price Trends (in US\$/Ton), 2018-2023
- Figure 5: Gelatin Market: Price Structure
- Figure 6: Global: Gelatin Market Forecast: Average Price Trends (in US\$/Ton), 2024-2032
- Figure 7: Global: Gelatin Market: Breakup by Region (in %), 2023
- Figure 8: Global: Gelatin Market: Breakup by Raw Material (in %), 2023
- Figure 9: Global: Gelatin Market: Breakup by End-Use (in %), 2023
- Figure 10: Global: Gelatin Market Forecast: Sales Volume Trends (in '000 Tons), 2024-2032
- Figure 11: Global: Gelatin Market Forecast: Sales Value Trends (in Billion US\$), 2024-2032
- Figure 12: Global: Gelatin Industry: SWOT Analysis
- Figure 13: Global: Gelatin Industry: Value Chain Analysis
- Figure 14: Global: Gelatin Industry: Porter's Five Forces Analysis
- Figure 15: Global: Gelatin Market: Import Volume Breakup by Country (in %), 2022
- Figure 16: USA: Gelatin Market: Import Volume Trend (in Tons), 2022
- Figure 17: Global: Gelatin Market: Export Volume Breakup by Country (in %), 2022
- Figure 18: Brazil: Gelatin Market: Export Volume Trend (in Tons), 2022
- Figure 19: Europe: Gelatin Market: Volume Trends (in '000 Tons), 2018 & 2023
- Figure 20: Europe: Gelatin Market Forecast: Volume Trends (in '000 Tons), 2024-2032
- Figure 21: North America: Gelatin Market: Volume Trends (in '000 Tons), 2018 & 2023
- Figure 22: North America: Gelatin Market Forecast: Volume Trends (in '000 Tons), 2024-2032
- Figure 23: Asia: Gelatin Market: Volume Trends (in '000 Tons), 2018 & 2023
- Figure 24: Asia: Gelatin Market Forecast: Volume Trends (in '000 Tons), 2024-2032
- Figure 25: South America: Gelatin Market: Volume Trends (in '000 Tons), 2018 & 2023
- Figure 26: South America: Gelatin Market Forecast: Volume Trends (in '000 Tons), 2024-2032
- Figure 27: Others: Gelatin Market: Volume Trends (in '000 Tons), 2018 & 2023
- Figure 28: Others: Gelatin Market Forecast: Volume Trends (in '000 Tons), 2024-2032
- Figure 29: Global: Gelatin Market (Pig Skin): Volume Trends (in '000 Tons), 2018 & 2023

Figure 30: Global: Gelatin Market Forecast (Pig Skin): Volume Trends (in '000 Tons), 2024-2032

Figure 31: Global: Gelatin Market (Bovine Hides): Volume Trends (in '000 Tons), 2018 & 2023

Figure 32: Global: Gelatin Market Forecast (Bovine Hides): Volume Trends (in '000 Tons), 2024-2032

Figure 33: Global: Gelatin Market (Bones): Volume Trends (in '000 Tons), 2018 & 2023

Figure 34: Global: Gelatin Market Forecast (Bones): Volume Trends (in '000 Tons), 2024-2032

Figure 35: Global: Gelatin Market (Other Raw Materials): Volume Trends (in '000 Tons), 2018 & 2023

Figure 36: Global: Gelatin Market Forecast (Other Raw Materials): Volume Trends (in '000 Tons), 2024-2032

Figure 37: Global: Gelatin Market (in Food and Beverages): Volume Trends (in '000 Tons), 2018 & 2023

Figure 38: Global: Gelatin Market Forecast (in Food and Beverages): Volume Trends (in '000 Tons), 2024-2032

Figure 39: Global: Gelatin Market (in Nutraceuticals): Volume Trends (in '000 Tons), 2018 & 2023

Figure 40: Global: Gelatin Market Forecast (in Nutraceuticals): Volume Trends (in '000 Tons), 2024-2032

Figure 41: Global: Gelatin Market (in Pharmaceuticals): Volume Trends (in '000 Tons), 2018 & 2023

Figure 42: Global: Gelatin Market Forecast (in Pharmaceuticals): Volume Trends (in '000 Tons), 2024-2032

Figure 43: Global: Gelatin Market (in Photography): Volume Trends (in '000 Tons), 2018 & 2023

Figure 44: Global: Gelatin Market Forecast (in Photography): Volume Trends (in '000 Tons), 2024-2032

Figure 45: Global: Gelatin Market (in Cosmetics): Volume Trends (in '000 Tons), 2018 & 2023

Figure 46: Global: Gelatin Market Forecast (in Cosmetics): Volume Trends (in '000 Tons), 2024-2032

Figure 47: Global: Gelatin Market (Other End Uses): Volume Trends (in '000 Tons), 2018 & 2023

Figure 48: Global: Gelatin Market Forecast (Other End Uses): Volume Trends (in '000 Tons), 2024-2032

Figure 49: Gelatin Manufacturing: Detailed Process Flow

Figure 50: Gelatin Manufacturing: Conversion Rate of Feedstocks

Figure 51: Global: Cow and Pig Bones Market: Production Volume Trend (in Million Tons), 2018-2023

Figure 52: Global: Cow and Pig Bones Market: Production Value Trend (in Million US\$), 2018-2023

Figure 53: Global: Cow and Pig Bones Market: Price Trend (in US\$/Ton), 2018-2023

Figure 54: Global: Cow and Pig Bones Market: Breakup by Region (in %), 2023

Figure 55: Global: Cow and Pig Bones Market Forecast: Production Volume Trends (in Million Tons), 2024-2032

Figure 56: Global: Cow and Pig Bones Market Forecast: Production Value Trend (in Million US\$), 2024-2032

Figure 57: Global: Sodium Carbonate Market: Production Volume Trend (in Million Tons), 2018-2023

Figure 58: Global: Sodium Carbonate Market: Production Value Trend (in Million US\$), 2018-2023

Figure 59: Global: Sodium Carbonate Market: Price Trend (in US\$/Ton), 2018-2023

Figure 60: Global: Sodium Carbonate Market: Breakup by Region (in %), 2023

Figure 61: Global: Sodium Carbonate Market Forecast: Production Volume Trend (in Million Tons), 2024-2032

Figure 62: Global: Sodium Carbonate Market Forecast: Production Value Trend (in Million US\$), 2024-2032

Figure 63: Global: Hydrochloric Acid Market: Production Volume Trend (in Million Tons), 2018-2023

Figure 64: Global: Hydrochloric Acid Market: Production value Trend (in Million US\$), 2018-2023

Figure 65: Global: Hydrochloric Acid Market: Price Trend (in US\$/Ton), 2018-2023

Figure 66: Global: Hydrochloric Acid Market: Breakup by Region (in %), 2023

Figure 67: Global: Hydrochloric Acid Market Forecast: Production Volume Trend (in Million Tons), 2024-2032

Figure 68: Global: Hydrochloric Acid Market Forecast: Production Value Trend (in Million US\$), 2024-2032

Figure 69: Global: Quick Lime Market: Production Volume Trend (in Million Tons), 2018-2023

Figure 70: Global: Quick Lime Market: Production Value Trend (in Million US\$), 2018-2023

Figure 71: Global: Quick Lime Market: Price Trend (in US\$/Ton), 2018-2023

Figure 72: Global: Quick Lime Market: Breakup by Region (in %), 2023

Figure 73: Global: Quick Lime Market Forecast: Production Volume Trend (in Million Tons), 2024-2032

Figure 74: Global: Quick Lime Market Forecast: Production Value Trend (in Million

US\$), 2024-2032

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