

Casein Market Report by Product Type (Rennet Casein, Acid Casein), End Use (Food and Beverages, Pharmaceuticals, Cosmetics, Industrial, and Others), and Region 2024-2032

<https://marketpublishers.com/r/C798CAF7A5E6EN.html>

Date: March 2024

Pages: 138

Price: US\$ 3,899.00 (Single User License)

ID: C798CAF7A5E6EN

Abstracts

The global casein market size reached 413.0 Kilo Tons in 2023. Looking forward, IMARC Group expects the market to reach 574.0 Kilo Tons by 2032, exhibiting a growth rate (CAGR) of 3.6% during 2024-2032. The market is experiencing steady growth driven by rising preferences for protein-rich diets to support muscle development, weight management, and overall well-being, ongoing innovations in casein production processes, and the increasing utilization of casein in functional foods.

Casein Market Analysis:

Market Growth and Size: The market is experiencing stable growth, driven by increasing consumer awareness of protein-rich diets and the demand for dairy-based products.

Technological Advancements: Research and development (R&D) efforts are leading to the development of innovative casein-based formulations in pharmaceuticals and cosmetics.

Industry Applications: The market is experiencing high demand from diverse industries, including pharmaceuticals, cosmetics and personal care, and food and beverage (F&B). The pharmaceutical sector, in particular, is witnessing a strong uptake of casein due to its increasing use in tablet formulations to ensure cohesion and integrity.

Geographical Trends: Europe leads the market, driven by strong dairy industries and high-quality standards. However, North America and Asia are emerging as fast-growing markets, driven by changing consumer preferences and expanding industries.

Competitive Landscape: Key players in the casein market are known for their quality products and global presence. Additionally, competition is intensifying with the entry of new players offering niche products.

Challenges and Opportunities: While the market faces challenges, such as fluctuating milk prices, supply chain disruptions, and regulatory compliance in the food industry, it also encounters opportunities in developing new casein-based functional ingredients, exploring emerging markets, and addressing health-conscious consumer demands.

Future Outlook: The casein market is poised for continued growth on account of evolving consumer preferences for natural and protein-rich products. Moreover, ongoing innovations in casein-based applications, sustainable sourcing, and expansion into untapped regions are expected to propel the market growth.

Casein Market Trends:

Health and Wellness Consciousness:

The increasing health and wellness consciousness among the masses represents one of the primary factors favoring the market growth. In addition, the rising preferences of individuals for protein-rich diets to support muscle development, weight management, and overall well-being are facilitating the market growth. Along with this, the increasing participation of individuals in sports and fitness activities is driving the demand for casein as it provides sustained protein release. In line with this, the incorporation of casein into functional foods and nutraceuticals, capitalizing on its bioactive properties. It is used in products aimed at addressing specific health concerns, such as promoting better sleep or aiding digestive health. Moreover, several functional food manufacturers are continually exploring new culinary innovations that incorporate casein. It is used for its functional properties, such as emulsification, gelling, and texture enhancement, in a wide range of products, including cheese, yogurt, ice cream, and bakery items. Furthermore, the snack food industry is introducing protein-enriched snacks, which is contributing to the market growth.

Growing Interest in Natural and Sustainable Ingredients

The escalating demand for foods and beverages formulated with sustainable and natural ingredients is strengthening the growth of the market. In addition, companies are increasingly focusing on sourcing milk for casein production from sustainable and ethical practices. This includes supporting dairy farms with environment friendly practices and ensuring animal welfare standards. Apart from this, ongoing innovations in casein production processes are aimed at reducing the carbon footprint to promote environmental health. This includes efforts to minimize waste and energy consumption in manufacturing. In line with this, several companies are focusing on sustainable packaging solutions for casein-based products, reducing plastic usage and promoting

biodegradable options. In addition, governing authorities and regulatory bodies of several countries are implementing stricter environmental regulations and standards. This encourages companies to adopt sustainable practices to comply with legal requirements. Moreover, many companies are actively working on sustainable packaging solutions for casein-based products to promote environmental health and attract a wider consumer base.

Expanding Food and Beverage Industry Applications

The rising utilization of casein in preparing various foods and beverages is strengthening the growth of the market. Food manufacturers are continually exploring new culinary innovations that incorporate casein. It is used for its functional properties, such as emulsification, gelling, and texture enhancement, in a wide range of products, including cheese, yogurt, ice cream, and bakery items. In addition, the escalating demand for clean label products with natural ingredients is promoting the use of casein in food formulations. It helps improve texture and stability without the need for synthetic additives and aligns with consumer preferences for clean, transparent labeling. In line with this, the continuous rise of functional dairy beverages, such as protein shakes and probiotic-rich drinks, is creating lucrative opportunities for casein incorporation. It enhances nutritional content and contributes to the creamy texture and taste of these beverages. Moreover, rapid globalization of food trends is catalyzing the demand for casein in various international cuisines and products.

Casein Industry Segmentation:

IMARC Group provides an analysis of the key trends in each segment of the market, along with forecasts at the global and regional levels for 2024-2032. Our report has categorized the market based on product type and end use.

Breakup by Product Type:

Rennet Casein

Acid Casein

The report has provided a detailed breakup and analysis of the market based on the product type. This includes rennet casein and acid casein.

Rennet casein is a primary category in the casein market, known for its use in various food applications. It is obtained through the precipitation of milk proteins with the use of rennet enzymes or acids. This type of casein is popular for its ability to form stable gels,

making it an essential ingredient in the production of cheese. Apart from this, its versatility extends to other dairy products, such as yogurts, and it also finds applications in the manufacturing of processed foods, infant formulas, and protein supplements.

Acid casein is obtained by precipitating milk proteins using acids like hydrochloric acid or citric acid. Acid casein is primarily used in non-food applications, such as the production of adhesives, paints, and coatings. It is valued for its adhesive properties and ability to form a smooth film when dried. Additionally, acid casein is used in cosmetics, particularly in skincare and hair care products.

Breakup by End Use:

Food and Beverages

Pharmaceuticals

Cosmetics

Industrial

Others

Food and beverages hold the largest share in the industry

A detailed breakup and analysis of the market based on the end use have also been provided in the report. This includes food and beverages, pharmaceuticals, cosmetics, industrial, and others. According to the report, food and beverages accounted for the largest market share.

The food and beverage (F&B) industry is a significant consumer of casein as it is a valuable source of high-quality protein and is extensively used in the production of cheese, yogurt, protein supplements, and bakery products. Its emulsifying and gelling properties make it an essential ingredient in various processed foods and dairy-based beverages, catering to consumers' demand for nutritious and convenient options.

In the pharmaceutical industry, casein serves various purposes. It is utilized as a binder in tablet formulations, providing cohesion and stability to medications. The slow-release properties of casein also make it valuable in drug delivery systems, ensuring controlled release of active ingredients. Moreover, it is used in nutraceuticals and infant formula, contributing to the health and well-being of consumers.

Casein finds applications in cosmetics and personal care products. Its film-forming and moisturizing properties make it suitable for skincare creams, lotions, and hair care

products. Casein-based cosmetics are appreciated for their ability to improve skin texture and provide hydration, appealing to consumers seeking natural and effective beauty solutions.

In the industrial sector, casein is used for non-food applications. It serves as a key component in the formulation of adhesives, paints, coatings, and glues due to its adhesive and binding properties. Casein-based industrial products are valued for their ability to create strong and durable bonds, making them essential in various manufacturing processes.

Breakup by Region:

Europe

Oceania

North America

Asia

Others

Europe leads the market, accounting for the largest casein market share

The market research report has also provided a comprehensive analysis of all the major regional markets, which include Asia, North America, Europe, Oceania, and others. According to the report, Europe accounted for the largest market share.

Europe is a significant market for casein, primarily due to the thriving dairy industry in countries like France, Germany, and the Netherlands. These nations are known for their high-quality dairy products, contributing to a substantial demand for casein. The health-conscious European consumers also drive the market, as casein is a valuable source of protein.

Oceania, particularly Australia and New Zealand, are the emerging leaders in the casein market. These countries are known for their robust dairy farming practices and stringent quality standards. The efficiency of the dairy industry in Oceania ensures a steady supply of high-quality casein products to both domestic and international markets.

North America, with the United States as a key player, has a growing demand for casein. The increasing interest in protein-rich diets and the presence of various food and beverage manufacturers contribute to the growth of the market. North America also has a substantial market for sports nutrition products containing casein.

Asia is emerging as a promising market for casein, driven by the rising middle-class population and changing dietary preferences. Countries like China and India are witnessing increased consumption of dairy products, including those containing casein. Additionally, the expansion of the food processing industry in Asia is further driving the demand for casein.

Leading Key Players in the Casein Industry:

The key players in the market are investing in R&D activities to create innovative casein-based products. They are developing formulations that cater to changing consumer preferences, such as organic and plant-based casein alternatives. These innovations help them stay competitive and meet evolving market demands. Additionally, many major players are expanding their global reach by entering new geographical markets. They are establishing partnerships and distribution networks to increase their presence in regions with growing demand, such as Asia and North America. Moreover, they are emphasizing sustainable sourcing of raw materials, reducing carbon footprints, and adopting eco-friendly production practices. Furthermore, they are increasingly offering customized casein solutions to cater to specific industry needs. This includes tailoring products for pharmaceutical formulations, industrial applications, and unique food products.

The market research report has provided a comprehensive analysis of the competitive landscape. Detailed profiles of all major companies have also been provided. Some of the key players in the market include:

Nestl?

Danone

Arla Foods

Groupe Lactalis

Friesland Campina

Fonterra

Westland Milk Products

(Please note that this is only a partial list of the key players, and the complete list is provided in the report.)

Latest News:

July 2023: Fonterra launched anchor cheddar cheese. It is a block shape variant that offers savory taste and, the cheese can be grated, sliced, or even cut into other shapes

according to preference.

April 2023: Arla Foods launched Nutrilac Protein Boost to meet the growing consumer focus on nutrient quality. It provides high protein content, delivers a clean, neutral dairy taste, with low viscosity, high solubility, and a pleasant mouthfeel.

Key Questions Answered in This Report

1. What was the global casein market size in 2023?
2. What will be the growth rate of the global casein market during 2024-2032?
3. What is the impact of COVID-19 on the global casein market?
4. What are the major global casein market drivers?
5. What are the major global casein market trends?
6. What is the global casein market breakup by product type?
7. What is the global casein market breakup by end use?
8. What are the major regional markets in the global casein industry?
9. Who are the leading players in the global casein industry?

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 Key Industry Trends

5 GLOBAL CASEIN INDUSTRY

- 5.1 Market Overview
- 5.2 Market Performance
 - 5.2.1 Volume Trends
 - 5.2.2 Value Trends
- 5.3 Impact of COVID-19
- 5.4 Market Breakup by Product Type
 - 5.4.1 Rennet Casein
 - 5.4.1.1 Market Trends
 - 5.4.1.2 Market Forecast
 - 5.4.2 Acid Casein
 - 5.4.2.1 Market Trends
 - 5.4.2.2 Market Forecast
- 5.5 Market Breakup by Region
 - 5.5.1 Asia

- 5.5.1.1 Market Trends
- 5.5.1.2 Market Forecast
- 5.5.2 North America
 - 5.5.2.1 Market Trends
 - 5.5.2.2 Market Forecast
- 5.5.3 Europe
 - 5.5.3.1 Market Trends
 - 5.5.3.2 Market Forecast
- 5.5.4 Oceania
 - 5.5.4.1 Market Trends
 - 5.5.4.2 Market Forecast
- 5.5.5 Others
 - 5.5.5.1 Market Trends
 - 5.5.5.2 Market Forecast
- 5.6 Market Breakup by End Use
 - 5.6.1 Food and Beverages
 - 5.6.1.1 Market Trends
 - 5.6.1.2 Market Forecast
 - 5.6.2 Pharmaceuticals
 - 5.6.2.1 Market Trends
 - 5.6.2.2 Market Forecast
 - 5.6.3 Cosmetics
 - 5.6.3.1 Market Trends
 - 5.6.3.2 Market Forecast
 - 5.6.4 Industrial
 - 5.6.4.1 Market Trends
 - 5.6.4.2 Market Forecast
 - 5.6.5 Others
 - 5.6.5.1 Market Trends
 - 5.6.5.2 Market Forecast
- 5.7 Price Analysis
 - 5.7.1 Key Price Indicators
 - 5.7.2 Price Structure
 - 5.7.3 Rennet Casein Price Trends
 - 5.7.4 Acid Casein Price Trends
- 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 Key Market Drivers and Success Factors

6 COMPETITIVE LANDSCAPE

- 6.1 Market Structure
- 6.2 Key Players

7 CASEIN MANUFACTURING PROCESS

- 7.1 Product Overview
- 7.2 Detailed Process Flow
- 7.3 Various Types of Unit Operations Involved
- 7.4 Mass Balance and Raw Material Requirements

8 PROJECT DETAILS, REQUIREMENTS AND COSTS INVOLVED

- 8.1 Land Requirements and Expenditures
- 8.2 Construction Requirements and Expenditures
- 8.3 Plant Layout
- 8.4 Plant Machinery
- 8.5 Machinery Pictures
- 8.6 Raw Material Requirements and Expenditures

- 8.7 Raw Material and Final Product Pictures
- 8.8 Packaging Requirements and Expenditures
- 8.9 Transportation Requirements and Expenditures
- 8.10 Utility Requirements and Expenditures
- 8.11 Manpower Requirements and Expenditures
- 8.12 Other Capital Investments

9 LOANS AND FINANCIAL ASSISTANCE

10 PROJECT ECONOMICS

- 10.1 Capital Cost of the Project
- 10.2 Techno-Economic Parameters
- 10.3 Product Pricing and Margins Across Various Stages of the Supply Chain
- 10.4 Taxation and Depreciation
- 10.5 Income Projections
- 10.6 Expenditure Projections
- 10.7 Financial Analysis
- 10.8 Profit Analysis

11 PROFILES OF MAJOR PLAYERS

- 11.1 Nestl?
- 11.2 Danone
- 11.3 Arla Foods
- 11.4 Groupe Lactalis
- 11.5 Friesland Campina
- 11.6 Fonterra
- 11.7 Westland Milk Products

List Of Tables

LIST OF TABLES

Table 1: Global: Casein Market: Key Industry Highlights, 2023 and 2032

Table 2: Global: Casein Market Forecast: Breakup by Region (in '000 Tons), 2024-2032

Table 3: Global: Casein Market Forecast: Breakup by Product Type (in '000 Tons), 2024-2032

Table 4: Global: Casein Market Forecast: Breakup by End Use (in '000 Tons), 2024-2032

Table 5: Global: Casein Market: Competitive Structure

Table 6: Global: Casein Market: Key Players

Table 7: Casein Manufacturing: Costs Related to Land and Site Development (in US\$)

Table 8: Casein Manufacturing: Costs Related to Civil Works (in US\$)

Table 9: Casein Manufacturing Plant: Machinery Costs (in US\$)

Table 10: Casein Manufacturing Plant: Raw Material Requirements (in Tons/Day) and Expenditures (US\$/Ton)

Table 11: Casein Manufacturing Plant: Costs Related to Salaries and Wages (in US\$)

Table 12: Casein Manufacturing Plant: Costs Related to Other Capital Investments (in US\$)

Table 13: Details of Financial Assistance Offered by Financial Institutions

Table 14: Casein Manufacturing Plant: Capital Costs (in US\$)

Table 15: Casein Manufacturing Plant: Techno-Economic Parameters

Table 16: Casein Manufacturing Plant: Taxation and Depreciation (in US\$)

Table 17: Casein Manufacturing Plant: Income Projections (in US\$)

Table 18: Casein Manufacturing Plant: Expenditure Projections (in US\$)

Table 19: Casein Manufacturing Plant: Cash Flow Analysis Without Considering the Income Tax Liability (in US\$)

Table 20: Casein Manufacturing Plant: Cash Flow Analysis on Considering the Income Tax Liability (in US\$)

Table 21: Casein Manufacturing Plant: Profit and Loss Account (in US\$)

List Of Figures

LIST OF FIGURES

- Figure 1: Global: Casein Market: Major Drivers and Challenges
- Figure 2: Global: Casein Market: Volume Trends (in '000 Tons), 2018-2023
- Figure 3: Global: Casein Market: Value Trends (in Million US\$), 2018-2023
- Figure 4: Global: Casein Market: Average Prices (in US\$/Ton), 2018-2032
- Figure 5: Global: Casein Market: Breakup by Product Type (in %), 2023
- Figure 6: Global: Casein Market: Breakup by Region (in %), 2023
- Figure 7: Global: Casein Market: Breakup by End Use (in %), 2023
- Figure 8: Global: Casein Market Forecast: Volume Trends (in '000 Tons), 2024-2032
- Figure 9: Global: Casein Market Forecast: Value Trends (in Million US\$), 2024-2032
- Figure 10: Global: Casein Industry: SWOT Analysis
- Figure 11: Global: Casein Industry: Value Chain Analysis
- Figure 12: Global: Casein Industry: Porter's Five Forces Analysis
- Figure 13: Asia: Casein Market (in '000 Tons), 2018 & 2023
- Figure 14: Asia: Casein Market Forecast (in '000 Tons), 2024-2032
- Figure 15: North America: Casein Market (in '000 Tons), 2018 & 2023
- Figure 16: North America: Casein Market Forecast (in '000 Tons), 2024-2032
- Figure 17: Europe: Casein Market (in '000 Tons), 2018 & 2023
- Figure 18: Europe: Casein Market Forecast (in '000 Tons), 2024-2032
- Figure 19: Oceania: Casein Market (in '000 Tons), 2018 & 2023
- Figure 20: Oceania: Casein Market Forecast (in '000 Tons), 2024-2032
- Figure 21: Others: Casein Market (in '000 Tons), 2018 & 2023
- Figure 22: Others: Casein Market Forecast (in '000 Tons), 2024-2032
- Figure 23: Global: Rennet Casein Market: Volume Trends (in '000 Tons), 2018 & 2023
- Figure 24: Global: Rennet Casein Market Forecast: Volume Trends (in '000 Tons), 2024-2032
- Figure 25: Rennet Casein Average Prices (in US\$/Ton), 2018-2023
- Figure 26: Acid Casein Average Prices (in US\$/Ton), 2018-2023
- Figure 27: Casein Market: Price Structure
- Figure 28: Global: Acid Casein Market: Volume Trends (in '000 Tons), 2018 & 2023
- Figure 29: Global: Acid Casein Market Forecast: Volume Trends (in '000 Tons), 2024-2032
- Figure 30: Global: Casein Market (End-Use in Food and Beverages): Volume Trends (in '000 Tons), 2018 & 2023
- Figure 31: Global: Casein Market Forecast (End-Use in Food and Beverages): Volume Trends (in '000 Tons), 2024-2032

Figure 32: Global: Casein Market (End-Use in Pharmaceuticals): Volume Trends (in '000 Tons), 2018 & 2023

Figure 33: Global: Casein Market Forecast (End-Use in Pharmaceuticals): Volume Trends (in '000 Tons), 2024-2032

Figure 34: Global: Casein Market (End-Use in Cosmetics): Volume Trends (in '000 Tons), 2018 & 2023

Figure 35: Global: Casein Market Forecast (End-Use in Cosmetics): Volume Trends (in '000 Tons), 2024-2032

Figure 36: Global: Casein Market (Industrial Use): Volume Trends (in '000 Tons), 2018 & 2023

Figure 37: Global: Casein Market Forecast (Industrial Use): Volume Trends (in '000 Tons), 2024-2032

Figure 38: Global: Casein Market (Other End-Uses): Volume Trends (in '000 Tons), 2018 & 2023

Figure 39: Global: Casein Market Forecast (Other End-Uses): Volume Trends (in '000 Tons), 2024-2032

Figure 40: Casein Manufacturing: Detailed Process Flow

Figure 41: Casein Manufacturing: Conversion Rate of Feedstocks

Figure 42: Casein Manufacturing Plant: Proposed Plant Layout

Figure 43: Casein Manufacturing Plant: Breakup of Capital Costs (in %)

Figure 44: Casein Industry: Profit Margins at Various Levels of the Supply Chain

Figure 45: Casein Production: Manufacturing Cost Breakup (in %)

I would like to order

Product name: Casein Market Report by Product Type (Rennet Casein, Acid Casein), End Use (Food and Beverages, Pharmaceuticals, Cosmetics, Industrial, and Others), and Region 2024-2032

Product link: <https://marketpublishers.com/r/C798CAF7A5E6EN.html>

Price: US\$ 3,899.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/C798CAF7A5E6EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below

and fax the completed form to +44 20 7900 3970