

# **Global Liquid Filled Capsule Market Size study, by Product (Hardgel Capsules, Softgel Capsules), by Raw Material (Gelatin, Hypromellose Capsules (HPMC)), by Application (Cough and Cold Preparations, Cardiovascular Therapy Drugs, Health Supplements, Vitamin and Dietary Supplements, Other Therapeutic Applications), by End-user (Pharmaceutical Companies, Nutraceutical Companies, Cosmeceutical Companies, Contract Manufacturing Organizations) and Regional Forecasts 2024-2032**

<https://marketpublishers.com/r/G479AAA0FE51EN.html>

Date: August 2024

Pages: 200

Price: US\$ 4,950.00 (Single User License)

ID: G479AAA0FE51EN

## **Abstracts**

The Global Liquid Filled Capsule Market is valued approximately USD 1,542.37 million in 2023 and is anticipated to grow with a healthy growth rate of more than 2.9% over the forecast period 2024-2032. A Liquid Filled Capsule (LFC) is a type of capsule used in pharmaceuticals and nutraceuticals, containing liquid medication or supplements. These capsules provide precise dosing, improved bioavailability, and ease of swallowing compared to solid forms. LFCs are often employed for drugs that are poorly soluble, heat-sensitive, or require a quick onset of action. They are used in various applications, including pain management, vitamins, essential oils, and other health supplements, enhancing the stability and effectiveness of the encapsulated substances.

Growing consumer attention on health & wellness and general awareness of the benefits of dietary supplements and healthier lifestyles are propelling the market. Liquid capsule formulations are easier to swallow and absorb more quickly in the body than tablet formulations. Hence, liquid-filled capsules are becoming increasingly popular as dietary supplements in the nutraceutical industry.

The market for liquid capsule-filling machines is further expected to surge due to rising healthcare costs, population growth, and adoption of liquid-filled capsules. The machines' low maintenance requirements and rising disposable income are anticipated to help fuel the market value. Growing consumer attention on health & wellness and general awareness of the benefits of dietary supplements and healthier lifestyles are propelling the market. Liquid capsule formulations are easier to swallow and absorb more quickly in the body than tablet formulations. Hence, liquid-filled capsules are becoming increasingly popular as dietary supplements in the nutraceutical industry. Moreover, other factors influencing liquid-filled capsule market expansion include the growing requirement for product standardization, the need for acceptable hygiene, and the increasing use of automated & sophisticated technology. Furthermore, the market for liquid-filled capsules is projected to rise due to ongoing technological advancements. The market for liquid-filled capsules has grown as a result of the expansion of the nutraceutical industry. Vitamins, minerals, and other nutritional supplements are frequently delivered in liquid-filled capsule form, which is in line with the rising consumer interest in health & wellness.

Improvements in encapsulation techniques and quality control procedures, among other advancements in capsule manufacturing technology, have increased the productivity and dependability of creating liquid-filled capsules. By achieving quality requirements and enhancing production capacities, this has helped the market to flourish. Liquid-filled capsules have become widely used due to the requirement for specific drug delivery methods and the movement toward personalized medicine. These capsules provide customization in terms of dosages, combinations, and release profiles to cater to the specific needs of each patient. Higher-quality liquid-filled capsules have resulted from improvements in the accuracy and efficiency of the encapsulation process brought about by advancements in capsule manufacturing technologies. The use of substitute materials for capsule shells has increased, particularly to satisfy the needs of vegetarian and vegan customers. Alternatives to conventional gelatin, such as plant-based gelatin, are gaining traction in the market. However, the price of raw materials is set to affect the final cost of producing liquid-filled capsules, particularly if they are specialized or alternative capsule materials. Compared to conventional solid dosage forms, producing liquid-filled capsules is estimated to be more complex, which is set to provide manufacturing difficulties. Getting new formulations approved and meeting strict regulatory criteria is anticipated to take time, which is anticipated to delay the release of liquid-filled capsule products.

The key regions considered for the Global Liquid Filled Capsule Market study include Asia Pacific, North America, Europe, Latin America, and Rest of the World. North America is a dominating region in the Liquid Filled Capsule Market in terms of revenue. The growth of the Liquid Filled Capsule Market in North America is driven by increasing

demand for dietary supplements, advances in capsule filling technology, rising health consciousness, and a preference for convenience in supplement intake. Additionally, the expanding pharmaceutical industry and innovation in capsule formulations support market expansion. Whereas, the market in Asia Pacific is anticipated to grow at the fastest rate over the forecast period 2024-2032

Major market players included in this report are:

Lonza Capsules & Health Ingredients  
Aenova Group  
Fuji Capsule Co., Ltd  
Catalent, Inc.  
EuroCaps Ltd  
Guangdong Yichao Biotechnology Co., Ltd.  
Captek Softgel International Inc.  
Soft Gel Technologies Inc.  
Thermo Fisher Scientific Inc. (Patheon)  
Delpharm Evreux  
Curtis Health Caps  
CapsCanada  
Altasciences  
Fermentis Life Sciences  
ACG

The detailed segments and sub-segment of the market are explained below:

By Product:

- Hardgel Capsules
- Softgel Capsules

By Raw Material:

- Gelatin
- Hypromellose Capsules (HPMC)

By Application:

- Cough and Cold Preparations
- Cardiovascular Therapy Drugs
- Health Supplements
- Vitamin and Dietary Supplements
- Other Therapeutic Applications

By End-user:

- Pharmaceutical Companies
- Nutraceutical Companies
- Cosmeceutical Companies
- Contract Manufacturing Organizations

### By Region:

- North America
- U.S.
- Canada
- Europe
- UK
- Germany
- France
- Spain
- Italy
- ROE
- Asia Pacific
- China
- India
- Japan
- Australia
- South Korea
- RoAPAC
- Latin America
- Brazil
- Mexico
- RoLA
- Middle East & Africa
- Saudi Arabia
- South Africa
- RoMEA

Years considered for the study are as follows:

- Historical year – 2022
- Base year – 2023
- Forecast period – 2024 to 2032

Key Takeaways:

- Market Estimates & Forecast for 10 years from 2022 to 2032.
- Annualized revenues and regional level analysis for each market segment.
- Detailed analysis of geographical landscape with Country level analysis of major regions.
- Competitive landscape with information on major players in the market.
- Analysis of key business strategies and recommendations on future market approach.
- Analysis of competitive structure of the market.
- Demand side and supply side analysis of the market.

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