

# **Global Empty Capsules Market Size Study, by Type (Gelatin, Non-Gelatin), Functionality (Immediate-Release, Sustained-Release, Delayed-Release), Therapeutic Application (Antibiotic, Dietary, Antacid, CVD), and Regional Forecasts 2022-2032**

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## **Abstracts**

The Global Empty Capsules Market is valued at approximately USD 2.93 billion in 2023 and is anticipated to grow at a robust CAGR of 6.30% over the forecast period 2024-2032. Empty capsules, primarily composed of gelatin or plant-based materials, have become indispensable in the pharmaceutical and nutraceutical industries. These capsules provide a protective shell for medications and dietary supplements, facilitating controlled release and enhanced bioavailability of active ingredients. The rise of patient-centric healthcare and personalized medicine is driving innovation in capsule design, with manufacturers exploring novel materials and functional coatings. Empty capsules cater to diverse therapeutic applications, ranging from antibiotics to cardiovascular treatments, solidifying their pivotal role in drug delivery systems.

The expanding pharmaceutical and nutraceutical sectors, coupled with growing consumer inclination toward dietary supplements, are the primary catalysts for market growth. For instance, the surge in demand for plant-based alternatives has prompted the development of non-gelatin capsules such as Hydroxypropyl Methylcellulose (HPMC). Advances in capsule manufacturing technology enable precision customization for specific drug delivery needs, such as immediate-release or delayed-release formulations. However, the market faces challenges, including fluctuating raw material prices and stringent regulatory compliance requirements. Despite these hurdles, innovations in functional capsule design and sustainable production methods are unlocking new opportunities in the sector.

Regionally, North America has historically dominated the empty capsules market, driven by a robust pharmaceutical industry and high healthcare expenditure. The presence of key players and a strong focus on research and development foster a favorable environment for market growth. Europe follows closely, with significant contributions from countries like Germany and France, underpinned by advancements in drug delivery technologies. Meanwhile, the Asia Pacific region is witnessing the fastest growth, buoyed by rising healthcare investments, increasing prevalence of lifestyle diseases, and expanding pharmaceutical manufacturing capabilities.

Major market players included in this report are:

Capsugel (Lonza Group)

ACG Group

Qualicaps Co., Ltd.

Sunil Healthcare Ltd.

CapsCanada Corporation

Roxlor Group

Shanxi Guangsheng Medicinal Capsules Co., Ltd.

Snail Pharma Industry Co., Ltd.

Associated Capsules Pvt. Ltd.

HealthCaps India Ltd.

Zhejiang Yuexi Capsule Co., Ltd.

Suheung Co., Ltd.

Fuji Capsule Co., Ltd.

Ningbo Tianrun Capsule Co., Ltd.

Medicaps Ltd.

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

#### By Type

Gelatin

Porcine

Bovine

Bonemeal

Non-Gelatin

Hydroxypropyl Methylcellulose (HPMC)

Starch

#### By Functionality

Immediate-Release

Sustained-Release

Delayed-Release

#### By Therapeutic Application

Antibiotic

Dietary

Antacid

## Cardiovascular Disease (CVD)

### By Region

#### North America

U.S.

Canada

#### Europe

UK

Germany

France

Spain

Italy

Rest of Europe

#### Asia Pacific

China

India

Japan

Australia

South Korea

Rest of Asia Pacific

Latin America

Brazil

Mexico

Middle East & Africa

Saudi Arabia

South Africa

Rest of Middle East & Africa

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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