

Sustained-Release Excipients Market Opportunity, Growth Drivers, Industry Trend Analysis, and Forecast 2024 - 2032

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Abstracts

The Global Sustained-Release Excipients Market reached USD 1.4 billion in 2024 and is projected to exhibit a CAGR of 8.3% from 2025 to 2034. This market growth is primarily driven by the increasing prevalence of chronic diseases, such as diabetes, hypertension, and cardiovascular conditions, which demand long-term, ongoing medication management. Sustained-release excipients are becoming increasingly critical in the pharmaceutical industry due to their ability to provide controlled drug release over extended periods. As the need for effective, long-term treatment options continues to rise, these excipients are becoming indispensable in the development of drugs aimed at managing chronic conditions, ultimately enhancing therapeutic outcomes.

The demand for sustained-release drug formulations is rapidly increasing as healthcare providers focus on improving patient compliance, reducing side effects, and optimizing treatment regimens. These excipients offer a convenient solution, ensuring that patients receive the desired therapeutic effects throughout the day, without the need for frequent dosing. With chronic diseases on the rise globally, the adoption of sustained-release formulations is expected to increase, making the sustained-release excipients market a key segment in the pharmaceutical industry. Moreover, ongoing advancements in drug delivery systems and pharmaceutical ingredients are expected to enhance the overall effectiveness and functionality of sustained-release excipients.

The market is divided into several product categories, including polymers, gelatin, minerals, sugars, and other excipients. In 2024, polymers led the market, generating the highest revenue. Polymers are especially valued for their versatility, as they allow for the creation of drug release profiles tailored to specific patient needs. With various

structural possibilities, such as matrices and coatings, polymers are widely used by pharmaceutical companies to develop innovative drug delivery systems. These systems not only improve drug effectiveness but also contribute to better patient adherence, which is essential for long-term therapeutic success.

In terms of route of administration, the sustained-release excipients market is segmented into oral, intravenous (IV), transdermal, intramuscular (IM), and other forms. Oral administration dominated the market in 2024, with significant revenue contributions. The ease of administration, coupled with the lack of need for specialized equipment or training, makes oral medications a preferred choice for patients. The popularity of oral dosage forms such as tablets and capsules is further boosted by their comfort and familiarity. Additionally, the oral route provides a larger surface area for drug absorption, which enhances the overall effectiveness of sustained-release formulations.

The U.S. sustained-release excipients market is expected to reach USD 967.4 million by 2034. The country led the North American market in 2024, driven by a high prevalence of chronic diseases. With around 60% of adults affected by at least one chronic condition, the demand for sustained-release formulations is significant, ensuring stable therapeutic effects while reducing the frequency of dosing. Moreover, continuous advancements in pharmaceutical ingredients and drug delivery technologies are enhancing the effectiveness of sustained-release excipients, further fueling the market's growth.

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