

# **Polylysine Market Size, Share & Trends Analysis Report By Application (Food & Beverage, Pharmaceutical, Personal Care & Cosmetics, Dietary Supplements), By Region, And Segment Forecasts, 2022 - 2030**

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## **Abstracts**

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### **Polylysine Market Growth & Trends**

The global polylysine market is expected to reach USD 1.4 billion by 2030, registering CAGR of 7.6% during the forecast period, as per the new report by Grand View Research, Inc. The growth is majorly driven by the rising demand from several end-use applications such as cosmetics, food & beverage, pharmaceutical, and dietary supplements among others. The rising living standards and increasing consumer willingness to spend more on personal well-being are the factors expected to positively impact the market growth during the coming years.

Food & beverage emerged as a dominant application on account of the growing utilization of the product in numerous food items including cooked vegetables, boiled rice, noodles, soups, and sushi among others. This is attributable to the presence of antimicrobial and antioxidant properties in polylysine. It helps in reducing the chloride content, has excellent heat and water solubility, and does not have any unpleasant odor to it.

Asia Pacific region dominated the market on account of strong presence of the manufacturers in key countries including China, and Japan. Easy availability of raw materials and advanced technology has influenced the increased production across the

region. Furthermore, the rising demand for the organic products from end-use industries such as cosmetics, food & beverages, and pharmaceuticals has triggered the market demand across the globe.

The polylysine market is consolidated with few manufacturers accounting for a majority of the market share. Few of the companies have a highly integrated supply chain that enables them to reach a broader customer base. They help in establishing a well-connected network the distributors with extensive regional presence and goodwill to easily cater to niche markets.

### Polylysine Market Report Highlights

Polylysine is used as an effective food preservative to increase shelf-life of the packaged food items. Factors such as increasing disposable income of the consumers, rapid urbanization, and availability of the ready-to-eat food products have led to increase in demand for the packaged foods, frozen foods, and desserts. This is expected to boost demand for the food preservatives, in turn, driving the market growth

Pharmaceutical application is the fastest growing segment with a CAGR of 7.9% owing to the growing utilization of polylysine as a drug carrier in the formulation of the medicines

Europe is the fastest growing region with a CAGR of 8.1% because of the strong presence of multinational companies engaged in polylysine production. Handary S.A., Siveele B.V., and Biobyte Ltd. are some of the major manufacturers of polylysine in the region

The global manufacturers of the polylysine, such as JNC Corporation, Siveele B.V., Bimal Pharma Pvt. Ltd., and Handary S.A., are producing polylysine by means of the biotechnology and other advanced production techniques. These players are investing heavily in R&D activities to discover other alternate means of the polylysine production that can ensure higher yield while keeping the production cost under control

The competitors in the market try to gain a reasonable advantage over others by means of expanding their global presence, price control, and strengthening product portfolios. These companies in order to strengthen their global presence, typically establish different types of contracts such as partnerships

and joint ventures. For instance, Sino Lion USA has signed partnerships and joint ventures with multiple manufacturers from China and operates independently or jointly with Chinese partner companies

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