

## **Nisin Market - Growth, Trends, Covid-19 Impact, and Forecasts (2023 - 2028)**

Market Report | 2023-01-23 | 100 pages | Mordor Intelligence

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### **Report description:**

The global nisin market is projected to register a CAGR of 5.45% during the forecast period (2023 - 2028).

COVID-19 pandemic hurt the global nisin market badly. The closure of packaged food production units to curb the virus spread led to a drastic fall in demand for preservatives like nisin. However, the demand for packaged products rose during the period, but the demand could not be met with supply. The restrictions on the movement of goods and transportation services also disrupted the supply chain of the global nisin market. Moreover, strict regulations regarding the operations of laboratories hampered the production rate of nisin itself. Furthermore, the poor performance of the tourism and hospitality sector affected the market indirectly. However, the market is showing a quick recovery after the relaxation of restriction measures and is expected to surpass the earlier growth rate quickly.

Nisin is a polycyclic antibacterial peptide that is produced by the fermentation of food-grade bacteria. It is commercially used as a food preservative. Nisin is widely used in processed food, majorly in dairy products, canned food, and meat products, to increase the shelf life of the food products.

Some of the key players in the packaging industry, such as Mondi Group (Austria), BioCote (U.K.), etc., are incorporating anti-microbial preservatives like nisin as packaging ingredients in ready-to-eat products. These are often referred to as anti-microbial packaging materials and are part of recent technology "Active Packaging."

### **Nisin Market Trends**

#### **Growing Inclination Toward Clean Label Products**

Increasing consumer awareness regarding the health benefits of products containing natural ingredients and strong support from multinational ingredient manufacturing companies for the development of such products are key factors driving the demand for

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clean label ingredients. Hence, the need for natural food preservatives that aid in the extension of the shelf-life of products such as nisin is also growing. Moreover, consumer buying patterns are being increasingly influenced by the ingredients mentioned on the labels, favoring the incorporation of nisin as a food preservative. Also, nisin is a unique bacteriocin that fights dental caries. The lack of substitutes for nisin in the market is also likely to act as a major push factor for the growth of the nisin market.

#### North America Market Holds the Major Market Share

North America contributed the largest value to the global nisin market. Comparatively, the nisin market in Western Europe is more established and stable with the presence of key players such as Royal DSM N.V. and Danisco A/S. These players also dominate the global nisin market, constituting a major share. The nisin market in Asia-Pacific is evolving and growing at a faster rate with new entrants in the market. Additionally, countries like China are taking stricter regulatory measures due to the lack of quality standards when compared to the European or other international counterparts, as it affects the export of nisin to other west region countries.

#### Nisin Market Competitor Analysis

Key players are focusing on expanding their market presence in the global food ingredients market through new product launches and geographic expansion in high-growth markets. Some of the major players in the nisin market globally include DSM N.V., SIVEELE B.V., DuPont, Shandong Freda Biotechnology Co. Ltd., Galactic, Chihon Biotechnology Co. Ltd., HANDARY S.A., Cayman Chemical, Mayasan Biotech, Amtech Biotech among others.

#### Additional Benefits:

The market estimate (ME) sheet in Excel format  
3 months of analyst support

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