

Food Antimicrobial Additives - Market Share Analysis, Industry Trends & Statistics, Growth Forecasts (2025 - 2030)

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Report description:

The Food Antimicrobial Additives Market is expected to register a CAGR of 5.16% during the forecast period.

The COVID-19 pandemic impacted the producers as there was price fluctuation of raw materials that are utilized to produce antimicrobial additives. Owing to this, there was a hindrance in the cost of the end product. Food and beverage products can be contaminated by a variety of pathogens and spoilage microbiota, the former causing foodborne diseases and the latter causing significant economic losses for the food industry due to undesirable effects on the food properties. Antimicrobial food additives play an important role in the prevention and inhibition of microbial growth in food products.

However, in the meat industry, every giant and small-scale producer is rigorously suspending the utilization of nitrites due to their carcinogenic effect. This enhances the usage of natural antimicrobial additives, like nisin and natamycin, to inhibit mold growth.

Strict regulations such as the Food and Drug Administration (FDA) for antimicrobial additives utilized straightway in processed foods and food-contact items like the packaging of food. This is predicted to hinder the market growth during the forecast period. Adding to this, antimicrobials are one of the top free-from claims consumers nowadays. Thus, pushing the food and beverage product manufacturers to eliminate the use of such antimicrobials is directly hampering the revenue generation in the overall market for food antimicrobial additives.

Food Antimicrobials Additives Market Trends

Growing Consumer Interest in Food Safety and Quality

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The growth of spoilage microbiota in food products negatively impacts the shelf-life, textural characteristics, and overall quality of the finished products, thus affecting consumer choices and resulting in significant commercial losses. This highlights the urgency and attention with which food spoilage issues should be addressed. Moreover, the rising number of foodborne disease outbreaks, adulteration cases, and toxicity have increasingly manifested the threat to food safety. The Centre for Disease Control and Prevention (CDCP) has reported that one in 10 people fall sick every year due to foodborne illness; most importantly, children under five years of age are at high risk. Also, according to World Health Organization (WHO) estimates, the global burden of foodborne diseases, around 125,000 children die every year because of foodborne illnesses. The growing food safety issues are expected to drive the demand for antimicrobial additives.

North America Dominates the Market

The growing food industry has extensively led to the demand for food antimicrobial additives in the country. The demand for clean-labeled preservatives and antimicrobials, such as vinegar, ascorbic acid, rosemary, and chemicals derived from organic or natural substances, further drives the market studied. North America dominated the food antimicrobial additives market as the demand for clean-labeled antimicrobials and preservatives like ascorbic acid, vinegar, rosemary, and chemicals extracted from natural or organic elements further boosts the market. Thus, manufacturers are investing in R&D activities to introduce clean-label antimicrobials with additional assets to boost sales by satiating the growing demand for clean-label ingredients. The rising demand for beverage and confectionery food products in North America due to the chaotic and working lifestyle, inflated urbanization, and growing hospitality and retail sector is consecutively predicted to drive the market for food antimicrobial additives.

Food Antimicrobials Additives Industry Overview

The food antimicrobial additives market is fragmented and is driven by various active players. The major players are focusing on expanding their market and product range to have a competitive advantage. There are numerous prominent players in the market, such as DuPont de Nemours Inc., Corbion NV, Koninklijke DSM NV, and Galactic. The major players in the market have a broad geographical presence and an extensive product portfolio to cater to numerous consumer demands. This factor assists the company in maintaining a strong foothold in the market. Advanced distribution network and manufacturing expertise give an upper edge to the manufacturers to expand their range of products across the world.

Additional Benefits:

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

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