

# **Bromelain Market Opportunity, Growth Drivers, Industry Trend Analysis, and Forecast 2025 - 2034**

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## **Abstracts**

The Global Bromelain Market was valued at USD 28.1 million in 2024 and is projected to grow at a robust CAGR of 6.7% from 2025 to 2034. Bromelain, a powerful natural enzyme extracted mainly from pineapples, has gained significant attention due to its remarkable protein-digesting abilities and a wide range of uses across industries such as pharmaceuticals, food processing, and cosmetics. As consumers increasingly lean towards plant-based solutions for health and sustainability, the demand for bromelain is rising sharply. The enzyme's versatility, coupled with growing awareness of its health benefits, has accelerated its market penetration, particularly in North America and Europe, where it is widely incorporated into dietary supplements and functional foods. Additionally, emerging markets in the Asia-Pacific region are witnessing rapid growth, driven by expanding healthcare systems, an evolving middle-class population, and rising consumer interest in wellness products.

The rising global health-conscious trend is also boosting demand for natural, clean-label ingredients, and bromelain is perfectly positioned to capitalize on this. In the food and beverage sector, its enzymatic properties enhance food quality, improve shelf life, and offer functional benefits such as digestion support. Pharmaceuticals are increasingly leveraging bromelain for its anti-inflammatory and wound-healing properties, contributing to its widespread adoption. The cosmetics industry is also tapping into bromelain's benefits, incorporating it into skincare and beauty products for its soothing and rejuvenating effects. This growth is supported by ongoing advancements in enzyme extraction techniques, making it easier to integrate bromelain into a wide variety of products with greater efficacy and stability.

By form, the bromelain market is segmented into powder, liquid, and other forms. In 2024, the powder segment generated USD 14.2 million, standing out as the most

popular form due to its longer shelf life, ease of handling, and exceptional stability. These characteristics make it ideal for use in dietary supplements, pharmaceuticals, and functional food products, where consistency and longevity are paramount. Meanwhile, the liquid segment is experiencing gradual growth due to its convenient application in liquid-based formulations, though it still trails behind the powder form in terms of overall market share.

As for market applications, the bromelain market is categorized into food and beverages, nutraceuticals, pharmaceuticals, cosmetics and personal care, and other sectors. The food and beverages segment commanded a significant 40.4% share of the market in 2024. The surge in consumer demand for natural and functional ingredients in food products has been a driving force behind this growth. Clean-label products that offer both health benefits and transparency continue to fuel the adoption of bromelain, further establishing it as a popular choice for food processors seeking to meet the growing consumer demand for healthier, plant-based alternatives.

In the U.S., the bromelain market generated USD 7.3 million in 2024. This growth is primarily attributed to the increasing consumer awareness surrounding its health advantages, particularly its digestive and anti-inflammatory properties. The rising demand for dietary supplements and functional foods has significantly boosted market demand, with bromelain becoming a staple in products aimed at supporting overall health and well-being. In addition, its growing utilization in the pharmaceutical industry for applications in wound healing and joint health is further cementing its position as a key ingredient in health-focused solutions.

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