

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

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Report description:

The Food Packaging Testing Market size is estimated at USD 4.87 billion in 2025, and is expected to reach USD 7.23 billion by 2030, at a CAGR of 8.22% during the forecast period (2025-2030).

Key Highlights

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The market is mainly driven by its rising awareness for the quality of the food packaging material aiming to deliver food safely to avoid unacceptable change in the composition of the food through migration and keeping the aroma or taste of the food intact. Also, growing concern over the health hazard of chemical migrants from package to food products among consumers and increasingly strict regulation to comply with packaging testing requirements to regulate food safety is another major factor driving the market. However, the high cost of testing by advanced technology is expected to impede the market growth.

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On the segmentation front by packaging material, the demand for tetra pack has increased significantly in recent years, due to the increased demand for high shelf life food products. Beverage packaging is the dominant application in the packaging testing market, owing to the high consumption of packaged beverage products. Also, plastic holds a major share in the packaging testing material type, driven by the increased use of plastic for food packaging. PET and LLDPE used for food packaging are growing at a faster pace, due to flexible packaging.

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Food Packaging Testing Market Trends

Increasing demand for advanced packaging material to obtain food safety

As products reach customers in the packaged form, their safety is an important concern; the presence of any toxic or damaging contaminant could affect the product itself. The presence of contaminants could decrease the quality of the product substantially, which emphasizes the importance of package testing in the market. Therefore, advanced packaging methods, such as intelligent packaging, active, smart packaging, and modified atmosphere packaging, are replacing traditional methods, which deliver no toxic effects on the food quality and are further driving the need to effectively test these packaged goods. According to the Organic Trade Association, sales of organic food package consumption in Latin America Nation, Argentina are forecasted to reach USD 6.5 million in 2020,

North America and Europe to drive the food packaging testing market

North America has the largest share in the global market of food packaging testing market, which was followed by Europe. Strict safety evaluation of food packaging, which includes toxicology testing, exposure assessment, and risk assessment in EU and North America, is driving the market. A few of the leading international companies dominating these regions include SGS SA, Bureau Veritas Group, Intertek Group plc and Merieux NutriSciences Corporation among others.

Food Packaging Testing Industry Overview

The global market for food packaging testing is fragmented, owing to the presence of large regional and domestic players in different countries. Emphasis is given on the merger, expansion, acquisition, and partnership of the companies along with new product development as strategic approaches adopted by the leading companies to boost their brand presence among consumers. For instance, in April 2019, DDL announced that the Cryopak Testing Center, a 6,000 square foot independent laboratory located at Cryopak's Headquarters in Edison, NJ, has been rebranded as a DDL testing laboratory offering package testing across environmental conditioning, distribution simulation, integrity and strength testing, thermal performance, and shelf-life testing.

Additional Benefits:

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

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