

Food Safety Testing Market - Growth, Trends, and Forecasts (2023 - 2028)

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Report description:

The Global Food Safety Testing Market is projected to register a CAGR of 7.94% over the upcoming five years.

Widespread foodborne infections, food adulteration, and other factors threatening public health are prompting local governments and concerned authorities to impose stringent rules. This factor has led to a growth in food safety testing in packaged, processed, and other raw materials, such as vegetables and fruits, which fuelled the growth of the market.

Customers' increasing intolerance to allergens, such as gluten and dairy, is leading to allergy-free product advances worldwide. This has subsequently led to the introduction of allergy-free products, often tested by manufacturers for allergens and trace particles in packaged and processed food products. Chemical testing in organic products is growing in popularity in the market, owing to companies operating throughout the world testing these products for evidence of listed or banned chemicals to comply with various country-level regulatory agencies. The European Union, for example, maintains a list of over 500 chemicals and hazardous compounds that must be removed from organic products shipped to European countries.

The market's growth was further propelled over the past few years by the COVID-19 pandemic, a factor which led to the increased testing of food products to curb the spread of the virus.

Food Safety Testing Market Trends

Growing Consumer Interest in Food Safety and Quality

The demand for high-quality food has continuously increased over the last few decades, owing to growing consumer awareness of food quality issues, as well as other factors, such as health and environmental repercussions. Food safety, quality, and labeling regulations are also being implemented by government bodies such as the Codex Alimentarius Commission. These organizations oversee monitoring and enforcing safety standards through effective food control activities.

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Food additives (such as preservatives, emulsifiers, and colors) require government approval in the United States and several other developed countries before they can be used in foods. Producers of food additives are required to submit scientific data verifying the safety of their products. Laws and regulations create safety guidelines, which include assessments of many types of toxicities, such as carcinogenicity and effects on digestion, among others. Title 21, Part 170 of the United States Code of Federal Regulations defines a drug as safe when there is "an assurance that the material is not dangerous within the intended conditions and restrictions." Once a food component has been determined to be safe and approved, it can be employed in a variety of food applications.

With the rising disease incidences and awareness about foodborne diseases across the world, the current food safety testing market is shifting toward rapid culture-independent molecular or microbiological tests. Growing consumer interest in food quality has propelled high technological advancements, thereby driving the food safety testing market in both developing and developed countries.

Middle East is the Fastest Growing Region

Food and beverage companies and governments in the Middle East countries are stepping up to provide more assurance about food product safety and supply chain transparency to local consumers, as numerous research and polls show a high level of trust among consumers in the region. Over the past few years, the implementation of stringent regulations by leading food safety organizations, such as the Department of Agriculture, Forestry and Fisheries, the National Department of Health, and the Department of Trade & Industry, to prevent foodborne outbreaks has helped drive the growth of the South African food safety testing industry. Pathogen testing has remained one of the most dominant segments in the South African food safety testing market over the past few years. The increased application of pesticides in agriculture and the increased application of preservatives in off-the-shelf retail products have been driving the growth of the chemical and toxin testing segment as well as the genetically modified organism (GMO) testing segment of the market. Thus, the growing consumer concerns about food safety have helped propel the growth of the market in the region over the study period.

Food Safety Testing Market Competitor Analysis

The global food safety testing market is highly competitive owing to the presence of multiple regional and multinational companies. International players dominate the market studied. The leading players, including Eurofins Scientific, SGS SA ALS Limited, Bureau Veritas Group, and Intertek, hold a significant share of the market studied. Major players in the market studied are increasing their investments in research and development and have been expanding their businesses to maintain their position. For instance, in February 2022, following the acquisition of TestAmerica in the United States by Eurofins in 2018, site rationalizations and reorganizations have been progressing continuously. In 2019, an 18,000 m² plot of land that includes a 7,950 m² building in California, United States, was purchased. Subsequently, the building was redeveloped to consolidate the Eurofins Calscience LLC and TestAmerica Irvine laboratories into one premise.

Additional Benefits:

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

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