

# **Food Safety Testing Market by Target Tested, Technology (Traditional and Rapid), Food Tested (Meat, Poultry, Seafood, Dairy, Processed Foods, Fruits & Vegetables, and Cereals & grains) and Region - Global Forecast to 2027**

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## **Abstracts**

The market for Food safety testing is estimated at USD 21.1 Billion in 2022; it is projected to grow at a CAGR of 8.1% to reach USD 31.1 Billion by 2027. The market for food safety testing is strides with the increasing domestic demand/consumption food products that would need food safety certification to meet the regulatory compliances and with the increase food trade across the globe has increased the demand for food safety testing globally to reduce the risk of foodborne outbreak and illness and prevent food fraud.

Food safety testing is a scientifically based method to determine the food safety based on its microbiological, physical, or chemical composition. Food safety testing needs to be accurate, and definite. Food safety testing helps to address the world's growing demand for safer food and the sustainability of the food supply. Every year, food safety issues cause economic losses in countries all across world. It has been estimated that low to middle-income countries suffers at least USD 100 billion in losses per year due to foodborne illnesses. There is a need for access to a clean, safe, and sustainable food supply for human consumption. The food business has established a set of testing procedures for food safety in order to maintain the safety of the food supply. Along with other challenges related to foodborne illnesses and out breaks, food loss and production of unsafe food are minimized with adequate food safety testing and quality assurance of food products. Food safety testing can also be used to evaluate foods that have been altered to withstand drastic conditions. Awareness among consumers about safety or risks associated with contaminated food products could lead to increase in

food safety testing.

The Fruits and vegetables segment by food tested is projected to observe the second highest CAGR in the food safety testing market throughout the forecasted period

Fruits & vegetables naturally carry non-pathogenic microorganisms. However, during their growth, harvesting, transportation, further processing, and handling, they can be contaminated by pathogens, pesticides, and GMOs. The main reason for the contamination is the pesticide residue on fruits and vegetables. Hence, their market is estimated to observe growth in pesticide residue testing in the near future.

The GMOS segment by target tested is projected to account for the highest CAGR in the global food safety testing market

The market for GM food safety testing has been driven by the emergence of GM crops and the usage of GMO ingredients by multinational companies with extensive reach. Genetically modified crops are increasingly gaining acceptance and their adoption has brought huge economic and environmental benefits. In the past 17 years, these achievements have been primarily supported by two simple traits of herbicide tolerant and insect resistant crops.

The PCR based testing, by Rapid technology is projected to attain the fastest market growth in the food safety testing market throughout the forecasted period

Today, a range of pathogens can be analyzed with rapid PCR systems, depending on the individual system. These include Salmonella spp., Listeria spp., Listeria monocytogenes, Campylobacter jejuni, Cryptosporidium parvum, E. coli O157 and E. coli O157:H7. Additionally, PCR tests can detect spoilage organisms in beer and can qualitatively and quantitatively detect genetically modified organisms (GMOs) in soy and maize, as well as used for general GMO screening of other food types. Hence, it has gained a wide acceptance across the food industry and therefore supported the growth of food safety testing market.

#### Break-up of Primaries

By Company type: Tier 1: 25%, Tier 2: 35%, Tier 3: 40%

By Designation: Director level: 30%, C-level: 25%, and Manager level : 45%

By Region: Europe: 28%, Asia Pacific: 33%, North America: 17%, RoW: 22%

### Leading players profiled in this report

SGS SA (Switzerland)

Eurofins Scientific (Luxembourg)

Intertek Group plc (UK)

Bureau Veritas (France)

ALS Limited (Australia)

T?V S?D (Germany)

T?V Nord Group (Germany)

NEOGEN Corporation (US)

M?rieux NutriSciences (US)

AsureQuality (New Zealand)

FoodChain ID (US)

R J Hill Laboratories Limited (New Zealand)

Microbac Laboratories, Inc. (US)

Romer Labs (Austria)

Symbio Laboratories (Australia)

### Research Coverage

This report segments the Food safety testing market on the basis of food tested, target

*Food Safety Testing Market by Target Tested, Technology (Traditional and Rapid), Food Tested (Meat, Poultry, S...*

tested, technology and region. In terms of insights, this research report focuses on various levels of analyses—competitive landscape, end-use analysis, and company profiles—which together comprise and discuss the basic views on the emerging & high-growth segments of the Food safety testing market, the high-growth regions, countries, government initiatives, market disruption, drivers, restraints, opportunities, and challenges.

#### Reasons to buy this report

To get a comprehensive overview of the food safety testing market

To gain wide-ranging information about the top players in this industry, their product portfolios, and key strategies adopted by them

To gain insights about the major countries/regions, in which the food safety testing market is flourishing.

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## About

The report “Food Safety Testing Market by Contaminant (Pathogen, GMO, Toxin, Pesticide, Others), Technology (Traditional & Rapid), Food type (Meat & Poultry, Dairy, Fruit & Vegetable, Convenience food, Others) & Region - Global Trends & Forecast to 2019”, defines and segments the global market on the basis of various contaminants, food types, technologies, and regions, with analyses and projections of the market size of each of these segments in terms of value (\$million) and volume (million tests).

The food safety testing market is projected to reach \$15,040.7 million and a volume of 1,154.8 million tests by 2019.

Food safety systems strive to minimize contamination in finished food products and also in the environment where the food is produced. For certain types of products, particularly ready-to-eat products, it is critical that environmental pathogens be easily controlled through environmental pathogen monitoring so that they do not contaminate the product.

The food safety testing market is well-established in Europe and North America. Emerging markets such as Latin America, Africa, and Asia-Pacific show a potential for growth due to increase in international food trade, consumer awareness of food contamination, outbreaks of food poisoning, and unexplored potential in emerging countries; China and India are expected to create a huge opportunity for the food safety testing market.

North America was the largest market for food safety testing, while Asia-Pacific is projected to be the fastest-growing market during the review period. Food safety regulations are increasing food safety testing volumes in both developed and developing countries. Implementation of Food Safety Modernization Act (FSMA) in the U. S. and an extended food safety action plan implemented in China are two examples presenting attractive opportunities for driving the growth of the food safety testing market.

The food safety testing market for pathogen commanded a majority share in 2013. Increasing foodborne diseases due to Salmonella are also attributed to the growth of the food safety testing market for pathogens. This is mostly seen due to poor handling during food production. To ensure the safety of food products, the food safety management system is implemented with good manufacturing and handling practices.

Increasing food contamination and the outbreak of shiga toxin-producing E. coli (STEC) poisoning have resulted in an increase in the frequency of E. coli testing in the global food testing market.

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