

## Food Safety Testing Market Top Companies, Segments and Growth to \$37.5 Billion by 2031

In-depth analysis of the food safety testing market segmentation assists to determine the prevailing market opportunities.

PORTLAND, OR, US, November 20, 2023 /EINPresswire.com/ -- Food Safety Testing Market by Technology (Agar Culturing, PCR-based Assay, Immunoassay-based, Others), by Food Tested (Meat and Meat Product, Dairy and Dairy Product, Cereals, Grains, and Pulses, Processed Food, Others), by Type (Pathogen, Genetically Modified



Food Safety Testing Market

Organism (GMO), Chemical and Toxin, Others): Global Opportunity Analysis and Industry Forecast, 2021-2031" According to the report, the global food safety testing industry was valued at \$18.7 billion in 2021 and is estimated to generate \$37.5 billion by 2031, witnessing a CAGR of 7.2% from 2021 to 2031. The report offers a detailed analysis of changing market trends, top

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The report includes the analysis of the regional as well as global food safety testing market trends, key players, market segments, application areas, and market growth strategies."

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segments, key investment pockets, value chain, regional landscape, and competitive scenario.

Based on type, the pathogen segment contributed to the largest share of two-fifths of the global food safety testing market in 2021 and is expected to dominate the market during the forecast period. Different kinds of pathogens,

including viruses, bacterial strains, fungi, or parasites can make their host sick. In order to ensure customer safety, pathogen testing is regularly carried out throughout the production process, from raw materials through end product screening.

Intertek Group Plc
SGS SA
TUV SUD AG
ALS Limited
Bio-Rad Laboratories
AsureQuality Ltd.
Eurofins Scientific
Bureau Veritas SA
Thermo Fisher Scientific, Inc.
DNV AS

The report analyzes these key players of the global food safety testing market. These players have adopted various strategies such as expansion, new product launches, partnerships, and others to increase their market penetration and strengthen their position in the industry. The report is helpful in determining the business performance, operating segments, product portfolio, and developments by every market player.

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Based on technology, the PCR-based assay segment grabbed the highest share of nearly half of the overall food safety testing market in 2021 and is projected to maintain its dominance in 2031. Moreover, the same segment is expected to witness the fastest CAGR of 7.6% from 2021 to 2031. Polymerase chain reaction technology is used by the agricultural biotechnology sector at various stages of the product development. The approach is primarily used to assess the amount of genetically modified material contained in a product or verify the presence or absence of genetically modified material in a sample of the product.

To increase earnings, the quality of the food is purposefully degraded. Food adulteration involves inadvertent contamination during growing, harvesting, handling, transporting, & distributing of food, in addition to intentional addition or substitution of ingredients. Food that has been altered poses a hazard to life since it is poisonous and deficient in essential nutrients, both of which have a negative impact on health. The majority of contaminated food products are found in the U.S., Latin America, India, and China. The contaminated food products include milk-based products, seafood, and honey. Authorities in food safety make sure that both domestic and foreign food products are wholesome and safe for human consumption.

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The chemical and toxin segment is expected to witness the fastest CAGR of 7.8% from 2021 to 2031. Bacterial toxins or specific plant toxins, like the pyrrolizidine alkaloids found in honey, milk,

or eggs are examples of poisons in food. In order to cover the broad polarity range of potential organic chemical pollutants, modern food contaminant testing laboratories use both GC-MS and LC-MS.

Key Benefits For Stakeholders

This report provides a quantitative analysis of the market segments, current trends, estimations, and dynamics of the food safety testing market analysis from 2021 to 2031 to identify the prevailing food safety testing market opportunities.

The market research is offered along with information related to key drivers, restraints, and opportunities.

Porter's five forces analysis highlights the potency of buyers and suppliers to enable stakeholders make profit-oriented business decisions and strengthen their supplier-buyer network.

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Major countries in each region are mapped according to their revenue contribution to the global market.

Market player positioning facilitates benchmarking and provides a clear understanding of the present position of the market players.

South Africa Food Safety Testing Market - <a href="https://www.einnews.com/pr-news/595872818/south-africa-food-safety-testing-market-segments-opportunity-growth-and-forecast-2018-2025">https://www.einnews.com/pr-news/595872818/south-africa-food-safety-testing-market-segments-opportunity-growth-and-forecast-2018-2025</a>

GMO Testing Market - <a href="https://www.prnewswire.com/news-releases/gmo-testing-market-size-to-gather-6-2-billion-by-2031-report-by-allied-market-research-301986940.html">https://www.prnewswire.com/news-releases/gmo-testing-market-size-to-gather-6-2-billion-by-2031-report-by-allied-market-research-301986940.html</a>

Food away from home Market - <a href="https://www.prnewswire.com/news-releases/food-away-from-home-market-to-reach-5-9-trillion-by-2031--allied-market-research-301769942.html">https://www.prnewswire.com/news-releases/food-away-from-home-market-to-reach-5-9-trillion-by-2031--allied-market-research-301769942.html</a>

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business insights and consulting to assist its clients to make strategic business decisions and achieve sustainable growth in their respective market domain.

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