

# Food Safety Testing Market to represent a significant expansion at 7.2% CAGR by 2031

Wide range of Food safety testing method and equipment are expected to boost the market growth in the foreseeable future

PORTLAND, OR, US, May 10, 2023 /EINPresswire.com/ -- The growing population, rise in disposable income of consumers, rise in incidence of food frauds, the growing economically motivated adulteration (EMA) owing to high competition, and enhanced food safety testing drive the <u>food safety</u> testing market growth. However, a lack



of necessary infrastructure for food safety control in the developing or poor nations, and a lack of communication between players in food safety testing market and their clients hinders the global market growth. On the other hand, introduction of new and cutting-edge techniques in food safety testing and various regulations on food safety, particularly in the developed

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economies will present new growth opportunities for the global food safety testing market in the coming years.

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The food sample must undergo a number of tests, including those for food allergens, food chemicals, food contact tests, food contaminants, nutritional analysis & testing, GMOs, melamine contamination, microbiological tests, spiral plating for bacterial count, and others, to ensure that the food product is safe tends to be one of the food safety testing market trends to seek clients faith across the globe. Since each test is different and complex in nature, well-equipped laboratories with effective human, technological, and material resources are needed to

execute such tests on every food sample.

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Some of the major players analyzed in this report are ALS Limited, Bio-Rad Laboratories, Inc., Bureau Veritas SA, Eurofins Scientific, Intertek Group Plc, Microbac Laboratories, Inc., PCAS Labs, SGS SA, Thermo Fisher Scientific, Inc., and TUV SUD AG.

Various regulations on food safety particularly in the developed economies, growth in instances of food fraud, and rise in economically motivated adulteration (EMA), owing to high competition among food producers, drive the food safety testing market opportunities.

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.

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The Food safety testing industry is segmented on the basis of type, food-tested, technology, and region. By type, the market is categorized into pathogen, genetically modified organism (GMO), chemical and toxin and others. On the basis of food-tested, the food safety testing market is fragmented into meat & meat product, dairy & dairy product, cereals, grains, & pulses, processed food, and others. As per the technology, the market is divided into agar culturing, PCR-based assay, immunoassay-based and others. Region-wise, the market is analyzed across North America (the U.S., Canada, and Mexico), Europe (Germany, France, UK, Italy, Spain, Switzerland, and the rest of Europe), Asia-Pacific (China, India, Japan, South Korea, Australia, and the rest of Asia-Pacific), and LAMEA (Brazil, South Africa, UAE, Saudi Arabia Argentina and the rest of LAMEA).

These circumstances might not be suitable in undeveloped and developing countries. In addition, exporting these resources is an expensive endeavor as mastering these approaches calls for reliable institutions & infrastructure. The market's expansion is constrained by all of these issues in the food safety testing market forecast period.

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- --> On the basis of technology, the PCR-based assay segment is estimated to witness a significant growth in the food safety testing market analysis, registering a CAGR of 7.6% during the forecast period.
- --> On the basis of food-tested, the processed food segment is anticipated to grow at a CAGR of 7.3% during the forecast period.
- --> On the basis of type, pathogen segment is estimated to witness significant growth, registering a CAGR of 7.1% during the forecast period.
- --> On the basis of region, North America was the dominant region in 2021, occupying a major share of the food safety testing industry.

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