

# South Africa Food Safety Testing Market Growth, Trends, and Future Prospects | CAGR of 11.1% by 2035

WILMINGTON, DE, UNITED STATES, March 11, 2025 /EINPresswire.com/ -- The [south africa food safety testing market](#) was valued at \$147.6 million in 2023 and is projected to reach \$579.2 million by 2035, registering a CAGR of 11.1% from 2024 to 2035.

Food safety testing involves analyzing food products to detect contaminants and ensure they are safe for consumption. It includes testing for pathogens, chemicals, allergens, and other hazardous substances. It is conducted at various stages of the food supply chain, and it encompasses microbiological tests, chemical analyses, and physical inspections. The purpose is to prevent foodborne illnesses, adhere to regulatory standards, and maintain consumer confidence.



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Implementation of Hazard Analysis and Critical Control Points (HACCP) systems significantly surge the demand for the south africa food safety testing market. HACCP is a preventive approach to food safety that identifies, evaluates, and controls hazards throughout the food production process. It is a systematic approach which helps food businesses to minimize risks of contamination and ensure that food products are safe for consumption. Moreover, as South Africa strengthens its regulatory framework to align with international food safety standards, including mandatory HACCP implementation in certain sectors, there is an increase in demand for comprehensive testing services to verify the effectiveness of these control measures.

In addition, testing laboratories play a crucial role in supporting HACCP implementation by providing essential verification and validation services. These include microbial testing to ensure hygiene and pathogen control, chemical analysis to monitor contaminants such as pesticides and heavy metals, and allergen testing to prevent cross-contamination. Laboratories equipped

with advanced testing technologies such as PCR, ELISA, and chromatography, are particularly instrumental in assisting food businesses in meeting HACCP requirements effectively. Furthermore, as consumer awareness and regulatory scrutiny increase, there is growing pressure on food businesses to demonstrate compliance with HACCP principles.

As a result, the implementation of HACCP systems enhances food safety practices and boosts the market demand for food safety testing services in South Africa. Thus, all these factors contribute to the south africa food safety testing market growth. Bureaucratic delays in obtaining testing approvals significantly challenge the market demand for food safety testing in South Africa. The delays due to bureaucratic operations are often caused by lengthy administrative processes and inefficient regulatory frameworks and slow down the entire testing cycle. Food producers and processors in South Africa are required to wait extended periods for approvals, which hinder their ability to quickly bring safe products to South Africa food safety testing industry.

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Moreover, inefficiency may be particularly problematic for perishable goods, where timely testing is crucial to prevent spoilage and ensure consumer safety. The impact of these delays extends beyond operational inefficiencies. Food producers may become discouraged from conducting regular and comprehensive testing due to the unpredictability and extended waiting times. In addition, the reluctance is especially distinct among smaller businesses with limited resources to navigate complex bureaucratic processes. As a result, there is a decrease in overall demand for food safety testing services as companies either cut back on the frequency of tests or seek alternatives that might not meet stringent safety standards. Thus, all these factors limit the growth of the south africa food safety testing market.

Rise in awareness of food allergies and sensitivities presents significant south africa food safety testing market opportunities. south africa food safety testing market trends are evolving as more consumers become aware of and sensitive to allergens such as peanuts, gluten, soy, and dairy, there is an increase in demand for accurate labeling and stringent testing of food products. The increased awareness has prompted regulatory bodies to enforce strict labeling laws, requiring food manufacturers to clearly disclose allergen information and ensure products are free from allergenic contaminants. Consequently, there is a rising need for specialized testing services that reliably detect allergens in food products and ensure compliance with these regulations and meet consumer expectations.

However, food producers and retailers are increasingly investing in comprehensive allergen testing protocols to mitigate risks and safeguard consumer health. Advances in testing technologies, such as ELISA and PCR-based assays designed for allergen detection, offer precise and sensitive methods to identify allergens even at trace levels. Furthermore, these technological advancements enhance the accuracy and efficiency of allergen testing and provide numerous

opportunities for testing laboratories in South Africa to expand their service offerings and cater to the growing south africa food safety testing market demand.

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The south africa food safety testing market analysis is segmented into type, technology, food tested, and region. By type, the market is classified into pathogen, genetically modified organism (GMO), chemical & toxin, heavy metals, radioactivity and others. By technology, the market is categorized into agar culturing, PCR-based assay, immunoassay-based, scintillation counters & Geiger counters, AAS & ICP-MS/OES, alpha spectrometry, GC-MS, FT-IR & UV-Vis, IC & HPLC, and gamma spectrometry . By food tested, the south africa food safety testing market is classified into meat, poultry, seafood and meat products, dairy and dairy products, cereals, grains, and pulses, processed food, egg powder and albumin, fruits, vegetables, and nuts, beverages, tea/coffee concentrates, flour-based products, fish oil/fat, and sugar and salt. By physical parameter, the sub-segments covered are moisture content, ph levels, viscosity, foreign objects, density, and texture and color. Region-wise, the market is analyzed across Gauteng, Western Cape, Mpumalanga, Northwest, Limpopo, Free State, and Rest of South Africa. Players operating in the market have adopted various developmental strategies to expand their food safety testing market share, increase profitability, and remain competitive in the market.

Key players profiled in this report which holds south africa food safety testing market share include TUV SUD, Intertek Group plc, DNV GL AS (DNV), Assurecloud, SGS SA (SGS), Bureau Veritas, SA, ALS Limited, Bio-Rad Laboratories, Inc., Eurofins Scientific Group, and QIMA Limited.

### Key Findings of the Study

By type, the pathogen segment dominated the south africa food safety testing market size in 2023.

By technology, the PCR-based Assay segment dominated the market in 2023.

By food tested, the processed food segment dominated the south africa food safety testing market in terms of revenue in 2023.

By physical parameters, pH levels segment dominated the south africa food safety testing market in terms of revenue in 2023.

By region, Gauteng dominated the market in terms of revenue in 2023. However, Mpumalanga is anticipated to grow at the highest CAGR during the south africa food safety testing market forecast period.

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