

Global Food Safety Monitoring System Market Size Study, by Technology (Cloud-based, On-premises), by Component (Software, Hardware), by End-user (Food Processing Companies, Food Retailers, Food Manufacturing, Restaurants, Bakeries, Beverages) and Regional Forecasts 2022-2032

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Abstracts

Global Food Safety Monitoring System Market is valued approximately at USD 38.03 million in 2023 and is anticipated to grow with a healthy growth rate of more than 6.22% over the forecast period 2024-2032. The food safety monitoring system is an integrated framework of practices, technologies, and protocols designed to ensure the security and quality of food products throughout the entire supply chain. It includes systematic monitoring, analysis, and control of various factors, such as hygiene, infection risks, storage conditions, and transportation. Leveraging technologies such as sensors, data analytics, and traceability tools, the system aims to identify and mitigate potential hazards, comply with regulatory standards, and provide customers with assurance regarding the safety, integrity, and quality of the food they consume. The rising demand for nutritious and beneficial food components, coupled with increasing concerns about food safety, aging populations, rising healthcare costs, and shifting lifestyles, is driving the growth of the global food safety monitoring system market. Additionally, the ease of access to various food safety testing techniques and the growing awareness of the benefits of digestive healthcare products are making food safety testing more significant in the healthcare sector. Testing for food security involves looking for infections, chemicals, and other potentially hazardous materials in food products. An increase in chemical contamination incidents and adulteration levels are key factors propelling the global food safety monitoring system market growth.

The increasing focus on health benefits and a rise in food-related issues such as food

poisoning, nausea, and diarrhea have driven the global market development. Food safety testing also helps prevent oxidative stress-related issues such as cancer. Contaminant levels are rising due to increased imports and exports, necessitating more food safety monitoring systems. Additionally, the growing demand for pesticide residue and other contaminants testing in fruits and vegetables, coupled with a rise in global trade of fruits and vegetables, is likely to fuel the food safety monitoring system market. However, small enterprises and food product manufacturers often lack information about new and high-tech food safety methods, services, and programs, making it difficult to meet specific food safety requirements. The lack of skills and knowledge, particularly in developing countries, affects the effective evaluation and inspection of food operations. Implementing these procedures requires technical expertise and knowledge. Therefore, governments should conduct specific programs to educate workers, ensuring maximum food safety testing and enhancing overall safety standards. The key regions considered for the Global Hologram Market study include North America, Europe, Asia Pacific, Latin America, and the Middle East & Africa. In 2023, North America dominated regional market in terms of revenue. North America, particularly the United States and Canada, has stringent regulations and standards governing food safety. These regulations drive the demand for monitoring systems that ensure compliance with safety standards set by agencies like the FDA (Food and Drug Administration) in the US and Health Canada. The market for food safety monitoring systems is influenced by advancements in technology, such as rapid testing methods, sensors, and data analytics. These technologies enable quicker and more accurate detection of contaminants, pathogens, and other hazards in food products. The Asia-Pacific region is projected to experience the highest growth rate during the forecast period 2024-2032.

Major market player included in this report are:

SGS SA
RJ Hill Laboratories Ltd.
DuPont
Intertek Group PLC
Danaher Corporation
SAP
AsureQuality Ltd.
SecureMetric Technology
IBM
Bureau Veritas SA
Thermo Fisher Scientific

Neogen Corporation
Bio-Rad Laboratories, Inc.
Agilent Technologies, Inc.
Mettler-Toledo International Inc.

The detailed segments and sub-segment of the market are explained below:

By Technology:

Cloud-based
On-premises

By Component:

Software
Hardware

By End-user:

Food Processing Companies
Food Retailers
Food Manufacturing
Restaurants
Bakeries
Beverages

By Region:

North America
U.S.
Canada
Mexico

Europe
UK
Germany
France
Spain
Italy
Rest of Europe

Asia Pacific
China
India

Japan
Australia
South Korea
Rest of Asia Pacific

Latin America
Brazil
Mexico
Rest of Latin America

Middle East & Africa
Saudi Arabia
South Africa
Rest of Middle East & Africa

Years considered for the study are as follows:

Historical year – 2022

Base year – 2023

Forecast period – 2024 to 2032

Key Takeaways:

Market Estimates & Forecast for 10 years from 2022 to 2032.

Annualized revenues and regional level analysis for each market segment.

Detailed analysis of geographical landscape with Country level analysis of major regions.

Competitive landscape with information on major players in the market.

Analysis of key business strategies and recommendations on future market approach.

Analysis of competitive structure of the market.

Demand side and supply side analysis of the market.

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