

Global Mycotoxin Testing Market Size Study by Type (Aflatoxin, Ochratoxin, Fumonisin, Zearalenone, Deoxynivalenol, Trichothecenes, Patulin), Technology (Chromatography- & Spectroscopy-Based, Immunoassay-Based), Sample, and Regional Forecasts 2022-2032

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Abstracts

The Global Mycotoxin Testing Market is valued at approximately USD 1.5 billion in 2023 and is projected to grow at a compound annual growth rate (CAGR) of 6.70% over the forecast period 2024-2032. Mycotoxin testing, a crucial component of food and feed safety, is gaining prominence due to rising incidences of contamination and increasing awareness of health hazards associated with mycotoxins. These toxic secondary metabolites, produced by molds, pose significant risks to human and animal health. The industry is witnessing rapid technological advancements in detection techniques, including immunoassay- and chromatography-based methods, ensuring high sensitivity and specificity.

The escalating demand for food safety compliance, driven by stringent government regulations and global trade standards, is propelling the growth of the mycotoxin testing market. Innovations in sample preparation and detection technologies, coupled with automated solutions, are revolutionizing the efficiency of testing processes. However, challenges such as high testing costs and limited accessibility in developing regions remain significant barriers. Nevertheless, the market's expansion is underpinned by growing concerns over food security and the increasing prevalence of mycotoxins in agricultural products, particularly due to climate change.

Regionally, North America dominates the market due to its stringent regulatory

framework and well-established testing infrastructure. Europe follows closely, reflecting robust demand for advanced testing technologies, particularly in countries with significant agricultural exports. Asia Pacific is anticipated to witness the highest growth rate, driven by increasing agricultural production, rising food safety awareness, and expanding regulatory mandates in emerging economies such as China and India. Meanwhile, Latin America and the Middle East & Africa offer untapped opportunities as awareness and infrastructure development improve across these regions.

Major market players included in this report are:

Eurofins Scientific SE

SGS S.A.

Bureau Veritas S.A.

Intertek Group plc

Romer Labs Division Holding GmbH

R-Biopharm AG

Neogen Corporation

Charm Sciences, Inc.

VICAM, A Waters Business

ALS Limited

Biomin Holding GmbH

IDEXX Laboratories, Inc.

Thermo Fisher Scientific Inc.

Agilent Technologies, Inc.

PerkinElmer, Inc.

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

By Type:

Aflatoxin

Ochratoxin

Fumonisin

Zearalenone

Deoxynivalenol

Trichothecenes

Patulin

By Technology:

Chromatography- & Spectroscopy-Based

Immunoassay-Based

By Sample:

Cereals & Grains

Nuts, Seeds & Spices

Dairy Products

Meat & Poultry

Processed Food

Beverages

By Region:

North America:

U.S.

Canada

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

Middle East & Africa:

Saudi Arabia

South Africa

Rest of Middle East & Africa

Key Takeaways:

Comprehensive market estimates and forecasts for 10 years from 2022 to 2032.

Regional and country-level analysis for each market segment.

Insights into competitive dynamics, including profiles of major players.

Detailed segmentation and sub-segmentation for a nuanced market understanding.

Strategic recommendations for stakeholders and new entrants.

Analysis of demand-side and supply-side drivers shaping the market.

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