

# **Grain Analysis Market Size, Share, and Outlook, 2025 Report- By Type (Cereals, Oilseeds, Pulses), By Application (Food, Feed), By Technology (Traditional, Rapid), By Target (Pathogens, Pesticides, GMOs, Mycotoxin, Others), By Method (Instruments, Reference materials, Consumable, Reagents), 2018-2032**

<https://marketpublishers.com/r/GA2E790715F1EN.html>

Date: April 2025

Pages: 182

Price: US\$ 3,680.00 (Single User License)

ID: GA2E790715F1EN

## **Abstracts**

### Grain Analysis Market Outlook

The Grain Analysis Market size is expected to register a growth rate of 6.9% during the forecast period from \$3.23 Billion in 2025 to \$5.2 Billion in 2032. The Grain Analysis market is a thriving business that is poised to keep growing and presents potential growth opportunities for companies across the industry value chain.

The comprehensive market research report presents 12-year historic and forecast data on Grain Analysis segments across 22 countries from 2021 to 2032. Key segments in the report include By Type (Cereals, Oilseeds, Pulses), By Application (Food, Feed), By Technology (Traditional, Rapid), By Target (Pathogens, Pesticides, GMOs, Mycotoxin, Others), By Method (Instruments, Reference materials, Consumable, Reagents). Over 70 tables and charts showcase findings from our latest survey report on Grain Analysis markets.

### Grain Analysis Market Insights, 2025

The Grain Analysis Market is expanding with AI-powered real-time grain composition testing, automation-enhanced mycotoxin detection, and machine learning-powered crop

contamination risk assessment. Companies such as FOSS, PerkinElmer, Eurofins Scientific, and Thermo Fisher Scientific are advancing automated AI-driven non-destructive grain quality analysis, automation-enhanced precision farming integration, and blockchain-backed secure agricultural data traceability. The rising adoption of AI-powered predictive grain spoilage prevention, automation-driven smart grain storage systems, and machine learning-enhanced real-time pesticide residue analysis is driving market growth. However, challenges in AI-powered compliance with food safety standards, cybersecurity risks in automation-enhanced agricultural data analytics, and technical limitations in AI-driven ultra-rapid grain diagnostics persist. Additionally, corporate investment in AI-powered agricultural biotechnology, evolving trends in automation-enhanced grain processing efficiency, and federal initiatives for AI-driven food supply chain optimization are shaping market growth.

### Five Trends that will define global Grain Analysis market in 2025 and Beyond

A closer look at the multi-million market for Grain Analysis identifies rapidly shifting consumer preferences across categories. By focusing on growth and resilience, leading Grain Analysis companies are prioritizing their investments across categories, markets, and geographies. The report analyses the most important market trends shaping the new landscape to support better decisions for the long and short-term future. The impact of tariffs by the US administration also significantly impact the profitability of Grain Analysis vendors.

### What are the biggest opportunities for growth in the Grain Analysis industry?

The Grain Analysis sector demonstrated remarkable resilience over the past year across developed and developing economies. Further, the market presents significant opportunities to leverage the existing momentum towards actions by 2032. On the other hand, recent macroeconomic developments including rising inflation and supply chain disruptions are putting pressure on companies. The chapter assists users to identify growth avenues and address business challenges to make informed commercial decisions with unique insights, data forecasts, and in-depth market analyses.

### Grain Analysis Market Segment Insights

The Grain Analysis industry presents strong offers across categories. The analytical report offers forecasts of Grain Analysis industry performance across segments and countries. Key segments in the industry include%li%By Type (Cereals, Oilseeds, Pulses), By Application (Food, Feed), By Technology (Traditional, Rapid), By Target

(Pathogens, Pesticides, GMOs, Mycotoxin, Others), By Method (Instruments, Reference materials, Consumable, Reagents). The largest types, applications, and sales channels, fastest growing segments, and the key factors driving each of the categories are included in the report.

Forecasts of each segment across five regions are provided from 2021 through 2032 for Asia Pacific, North America, Europe, South America, Middle East, and African regions. In addition, Grain Analysis market size outlook is provided for 22 countries across these regions.

### Market Value Chain

The chapter identifies potential companies and their operations across the global Grain Analysis industry ecosystem. It assists decision-makers in evaluating global Grain Analysis market fundamentals, market dynamics, and disruptive trends across the value chain segments.

### Scenario Analysis and Forecasts

Strategic decision-making in the Grain Analysis industry is multi-faceted with the increased need for planning across scenarios. The report provides forecasts across three case scenarios%li%low growth, reference case, and high growth cases.

### Asia Pacific Grain Analysis Market Analysis%li%A Promising Growth Arena for Business Expansion

As companies increasingly expand across promising Asia Pacific markets with over 4.5 billion population, the medium-to-long-term future remains robust. The presence of the fastest-growing economies such as China, India, Thailand, Indonesia, and Vietnam coupled with strengthening middle-class populations and rising disposable incomes drive the market. In particular, China and India are witnessing rapid shifts in consumer purchasing behavior. China is recovering steadily with optimistic forecasts for 2025. Further, Japanese and South Korean markets remain stable with most companies focusing on new product launches and diversification of sales channels.

### The State of Europe Grain Analysis Industry 2025%li%Focus on Accelerating Competitiveness

As companies opt for an integrated agenda for competitiveness, the year 2025 presents

optimistic scenarios for companies across the ecosystem. With signs of economic recovery across markets, companies are increasing their investments. Europe is one of the largest markets for Grain Analysis with demand from both Western Europe and Eastern European regions increasing over the medium to long-term future. Increasing omnichannel shopping amidst robust consumer demand for value purchases shapes the market outlook. The report analyses the key Grain Analysis market drivers and opportunities across Germany, France, the United Kingdom, Spain, Italy, Russia, and other Europe.

The US Grain Analysis market Insights%li%Vendors are exploring new opportunities within the US Grain Analysis industry.

Easing inflation coupled with strengthening consumer sentiment is encouraging aggressive actions from the US Grain Analysis companies. Market players consistently focusing on innovation and pursuing new ways to create value are set to excel in 2025. In addition, the Canadian and Mexican markets offer lucrative growth pockets for manufacturers and vendors. Focus on private-brand offerings and promotions, diversified sales channels, expansion into niche segments, adoption of advanced technologies, and sustainability are widely observed across the North American Grain Analysis market.

Latin American Grain Analysis market outlook rebounds in line with economic growth.

Underlying demand remains higher among urban consumers with an optimistic economic outlook across Brazil, Argentina, Chile, and other South and Central American countries. Increased consumer spending has been reported in Q1 -2025 and the prospects remain strong for rest of 2025. Aggressive ecosystem moves to create new sources of income are widely observed across markets in the region. Marketing activities focused on customer insights, operations, and support functions are quickly gaining business growth in the region.

Middle East and Africa Grain Analysis Markets%li%New Opportunities for Companies Harnessing Diversity

Rapid growth in burgeoning urban locations coupled with a young and fast-growing population base is attracting new investments in the Middle East and African Grain Analysis markets. Designing expansion and marketing strategies to cater to the local consumer base supports the market prospects. In addition to Nigeria, Algeria, South Africa, and other markets, steady growth markets in Ethiopia, Rwanda, Ghana,

Tanzania, the Democratic Republic of Congo, and others present significant prospects for companies. On the other hand, Middle Eastern Grain Analysis markets including the UAE, Saudi Arabia, Qatar, and Oman continue to offer lucrative pockets of growth.

Competitive Landscape%li%How Grain Analysis companies outcompete in 2025?

The ability to respond quickly to evolving consumer preferences and adapt businesses to niche consumer segments remains a key growth factor. The report identifies the leading companies in the industry and provides their revenue for 2024. The market shares of each company are also included in the report. Further, business profiles, SWOT analysis, and financial analysis of each company are provided in detail. Key companies analyzed in the report include AB Sciex, Bureau Veritas SA, Eurofins Scientific, Intertek Group Plc, Neogen Corp, Romer Labs Division Holding GmbH, SGS SA, Shimadzu Corp, Thermo Fisher Scientific Inc, TUV SUD, Waters Corp.

Grain Analysis Market Segmentation

By Type

Cereals

Oilseeds

Pulses

By Application

Food

Feed

By Technology

Traditional

Rapid

By Target

Pathogens

Pesticides

GMOs

Mycotoxin

Others

By Method

Instruments

Reference materials

Consumable

Reagents

Leading Companies

AB Sciex

Bureau Veritas SA

Eurofins Scientific

Intertek Group Plc

Neogen Corp

Romer Labs Division Holding GmbH

SGS SA

Shimadzu Corp

Thermo Fisher Scientific Inc

TUV SUD

Waters Corp

Reasons to Buy the report

Make informed decisions through long and short-term forecasts across 22 countries and segments.

Evaluate market fundamentals, dynamics, and disrupting trends set to shape 2025 and beyond.

Gain a clear understanding of the competitive landscape, with product portfolio and growth strategies.

Get an integrated understanding of the entire market ecosystem and companies.

Stay ahead of the competition through plans for growth in a changing environment for your geographic expansion.

Assess the impact of advanced technologies and identify growth opportunities based on actionable data and insights.

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**Oilseeds**

**Pulses**

### **By Application**

**Food**

**Feed**

### **By Technology**

**Traditional**

**Rapid**

### **By Target**

**Pathogens**

**Pesticides**

**GMOs**

**Mycotoxin**

**Others**

### **By Method**

**Instruments**

**Reference materials**

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**SGS SA**  
**Shimadzu Corp**  
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