

Cannabis Testing Market Size, Trends, Analysis, and Outlook By Products and Services (Analytical Instruments, Spectroscopy Instruments, Consumables, Cannabis Testing Software and Services), By Type (Potency Testing, Terpene Profiling, Residual Solvent Screening, Heavy Metal Testing, Mycotoxin Testing, Others), By End-User (Laboratories, Cannabis Drug Manufacturers and Dispensaries, Others), by Country, Segment, and Companies, 2024-2032

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Abstracts

The global Cannabis Testing market size is poised to register 17.5% growth from 2024 to 2032, presenting significant growth prospects for companies operating in the industry. The industry study analyzes the global Cannabis Testing market across By Products and Services (Analytical Instruments, Spectroscopy Instruments, Consumables, Cannabis Testing Software and Services), By Type (Potency Testing, Terpene Profiling, Residual Solvent Screening, Heavy Metal Testing, Mycotoxin Testing, Others), By End-User (Laboratories, Cannabis Drug Manufacturers and Dispensaries, Others)

The cannabis testing market is driven by the legalization of medical and recreational cannabis, regulatory requirements for product safety and quality assurance, and the growing demand for standardized testing methods. By 2030, the market is poised to witness significant growth, driven by innovations in analytical testing equipment, chromatography systems, and microbial detection assays. Further, expanding applications in cannabis potency testing, pesticide screening, and terpene profiling are

expected to drive market expansion, ensuring consumer safety, regulatory compliance, and product quality in the burgeoning cannabis industry.

Cannabis Testing Market Drivers, Trends, Opportunities, and Growth Opportunities

This comprehensive study discusses the latest trends and the most pressing challenges for industry players and investors. The Cannabis Testing market research analyses the global market trends, key drivers, challenges, and opportunities in the industry. In addition, the latest Future of Cannabis Testing survey report provides the market size outlook across types, applications, and other segments across the world and regions. It provides data-driven insights and actionable recommendations for companies in the Cannabis Testing industry.

Key market trends defining the global Cannabis Testing demand in 2024 and Beyond

The industry continues to remain an attractive hub for opportunities for both domestic and global vendors. As the market evolves, factors such as emerging market dynamics, demand from end-user sectors, a growing patient base, changes in consumption patterns, and widening distribution channels continue to play a major role.

Cannabis Testing Market Segmentation- Industry Share, Market Size, and Outlook to 2032

The Cannabis Testing industry comprises a wide range of segments and sub-segments. The rising demand for these product types and applications is supporting companies to increase their investment levels across niche segments. Accordingly, leading companies plan to generate a large share of their future revenue growth from expansion into these niche segments. The report presents the market size outlook across segments to support Cannabis Testing companies scaling up production in these sub-segments with a focus on expanding into emerging countries.

Key strategies adopted by companies within the Cannabis Testing industry

Leading Cannabis Testing companies are boosting investments to capitalize on untapped potential and future possibilities across niche market segments and surging demand conditions in key regions. Further, companies are leveraging advanced technologies to unlock opportunities and achieve operational excellence. The report provides key strategies opted for by the top 10 Cannabis Testing companies.

Cannabis Testing Market Study- Strategic Analysis Review

The Cannabis Testing market research report dives deep into the qualitative factors shaping the market, empowering you to make informed decisions-

Industry Dynamics: Porter's Five Forces analysis to understand bargaining power, competitive rivalry, and threats that impact long-term strategy formulation.

Strategic Insights: Provides valuable perspectives on key players and their approaches based on comprehensive strategy analysis.

Internal Strengths and Weaknesses: Develop targeted strategies to leverage strengths, address weaknesses, and capitalize on market opportunities.

Future Possibilities: Prepare for diverse outcomes with in-depth scenario analysis. Explore potential market disruptions, technology advancements, and economic changes.

Cannabis Testing Market Size Outlook- Historic and Forecast Revenue in Three Cases

The Cannabis Testing industry report provides a detailed analysis and outlook of revenue generated by companies from 2018 to 2023. Further, with actual data for 2023, the report forecasts the market size outlook from 2024 to 2032 in three case scenarios- low case, reference case, and high case scenarios.

Cannabis Testing Country Analysis and Revenue Outlook to 2032

The report analyses 22 countries worldwide including the key driving forces and market size outlook from 2021 to 2032. In addition, region analysis across Asia Pacific, Europe, the Middle East, Africa, North America, and South America is included in the study. For each of the six regions, the market size outlook by segments is forecast for 2032.

North America Cannabis Testing Market Size Outlook- Companies plan for focused investments in a changing environment

The US continues to remain the market leader in North America, driven by a large consumer base, the presence of well-established providers, and a strong healthcare

infrastructure. Leading companies focus on new product launches in the changing environment. The US healthcare expenditure is expected to grow to \$4.8 trillion in 2024 (around 3.7% growth in 2024), potentially driving demand for various Cannabis Testing market segments. Similarly, Strong market demand is encouraging Canadian Cannabis Testing companies to invest in niche segments. Further, as Mexico continues to strengthen its relations and invest in technological advancements, the Mexico Cannabis Testing market is expected to experience significant expansion, offering lucrative opportunities for both domestic and international stakeholders.

Europe Cannabis Testing Market Size Outlook-Companies investing in assessing consumers, categories, competitors, and capabilities

The German industry remains the major market for companies in the European Cannabis Testing industry with consumers in Germany, France, the UK, Spain, Italy, and others anticipated to register a steady demand throughout the forecast period, driving the overall market prospects. In addition, the proactive approach of vendors in identifying and leveraging new growth prospects positions the European Cannabis Testing market for an upward trajectory, fostering both domestic and international interest. Leading brands operating in the industry are emphasizing effective marketing strategies, innovative product offerings, and a keen understanding of consumer preferences.

Asia Pacific Cannabis Testing Market Size Outlook- an attractive hub for opportunities for both local and global companies

The increasing prevalence of indications, robust healthcare expenditure, and increasing investments in healthcare infrastructure drive the demand for Cannabis Testing in Asia Pacific. In particular, China, India, and South East Asian Cannabis Testing markets present a compelling outlook for 2032, acting as a magnet for both domestic and multinational vendors seeking growth opportunities. Similarly, with a burgeoning population and a rising middle class, India offers a vast consumer market. Japanese and Korean companies are quickly aligning their strategies to navigate changes, explore new markets, and enhance their competitive edge. Our report utilizes in-depth interviews with industry experts and comprehensive data analysis to provide a comprehensive outlook of 6 major countries in the APAC region.

Latin America Cannabis Testing Market Size Outlook- Continued urbanization and rising income levels

Rising income levels contribute to greater purchasing power among consumers, spurring consumption and creating opportunities for market expansion. Continued urbanization and rising income levels are expected to sustainably drive consumption growth in the medium to long term.

Middle East and Africa Cannabis Testing Market Size Outlook- continues its upward trajectory across segments

Robust demand from Middle Eastern countries including Saudi Arabia, the UAE, Qatar, Kuwait, and other GCC countries supports the overall Middle East Cannabis Testing market potential. Fueled by increasing healthcare expenditure of individuals, growing population, and high prevalence across a few markets drives the demand for Cannabis Testing.

Cannabis Testing Market Company Profiles

The global Cannabis Testing market is characterized by intense competitive conditions with leading companies opting for aggressive marketing to gain market shares. The report presents business descriptions, SWOT analysis, growth strategies, and financial profiles. Leading companies included in the study are AB Sciex Pte. Ltd, Accelerated Technology Laboratories Inc, Agilent Technologies Inc, Danaher Corp, Digipath Inc, Merck KGaA, PerkinElmer Inc, Pharmedica LLC, Restek Corp, Sartorius AG, Shimadzu Scientific Instruments, Steep Hill Halent Laboratories Inc.

Recent Cannabis Testing Market Developments

The global Cannabis Testing market study presents recent market news and developments including new product launches, mergers, acquisitions, expansions, product approvals, and other updates in the industry.

Cannabis Testing Market Report Scope

Parameters: Revenue, Volume Price

Study Period: 2023 (Base Year); 2018- 2023 (Historic Period); 2024- 2032 (Forecast Period)

Currency: USD; (Upon request, can be provided in Euro, JPY, GBP, and other Local Currency)

Qualitative Analysis

Pricing Analysis

Value Chain Analysis

SWOT Profile

Market Dynamics- Trends, Drivers, Challenges

Porter's Five Forces Analysis

Macroeconomic Impact Analysis

Case Scenarios- Low, Base, High

Market Segmentation:

By Products and Services

Analytical Instruments

Spectroscopy Instruments

Consumables

Cannabis Testing Software and Services

By Type

Potency Testing

Terpene Profiling

Residual Solvent Screening

Heavy Metal Testing

Mycotoxin Testing

Others

By End-User

Laboratories

Cannabis Drug Manufacturers and Dispensaries

Others

Geographical Segmentation:

North America (3 markets)

Europe (6 markets)

Asia Pacific (6 markets)

Latin America (3 markets)

Middle East Africa (5 markets)

Companies

AB Sciex Pte. Ltd

Accelerated Technology Laboratories Inc

Agilent Technologies Inc

Danaher Corp

Digipath Inc

Merck KGaA

PerkinElmer Inc

Pharmlabs LLC

Restek Corp

Sartorius AG

Shimadzu Scientific Instruments

Steep Hill Halent Laboratories Inc

Formats Available: Excel, PDF, and PPT

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 - Consumables

Cannabis Testing Software and Services

By Type

Potency Testing

Terpene Profiling

Residual Solvent Screening

Heavy Metal Testing

Mycotoxin Testing

Others

By End-User

Laboratories

Cannabis Drug Manufacturers and Dispensaries

Others

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AB Sciex Pte. Ltd

Accelerated Technology Laboratories Inc

Agilent Technologies Inc

Danaher Corp

Digipath Inc

Merck KGaA

PerkinElmer Inc

Pharmlabs LLC

Restek Corp

Sartorius AG

Shimadzu Scientific Instruments

Steep Hill Halent Laboratories Inc.

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