

# Artemisinin Market Size, Trends, Analysis, and Outlook By Application (Malaria, Cancer, Helminth Parasites), By Production Mechanism (Biosynthesis, Chemical Synthesis, Engineered Organisms), by Region, Country, Segment, and Companies, 2024-2030

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## Abstracts

The global Artemisinin market size is poised to register 15.05% growth from 2024 to 2030, presenting significant growth prospects for companies operating in the industry. The industry study analyzes the global Artemisinin market across By Application (Malaria, Cancer, Helminth Parasites), By Production Mechanism (Biosynthesis, Chemical Synthesis, Engineered Organisms).

The Artemisinin Market is experiencing significant growth and therapeutic innovation in 2024 and beyond, driven by the global fight against malaria, artemisinin-based combination therapies (ACTs), and the sustainable production of artemisinin from *Artemisia annua* plants to meet the growing demand for antimalarial drugs and malaria control programs worldwide. Artemisinin is a natural sesquiterpene lactone compound extracted from the leaves of *Artemisia annua*, also known as sweet wormwood, and serves as the key active ingredient in artemisinin-based antimalarial drugs recommended as first-line treatments for uncomplicated malaria caused by *Plasmodium falciparum* parasites. Key trends include the expansion of artemisinin cultivation, processing, and extraction operations in malaria-endemic regions, leveraging agronomic practices, breeding programs, and biotechnological innovations to increase artemisinin yield, quality, and supply chain resilience. Additionally, there is a growing emphasis on artemisinin quality assurance, regulatory compliance, and pharmacovigilance efforts to ensure the safety, efficacy, and therapeutic equivalence of artemisinin-based antimalarials in accordance with international pharmacopoeial standards. Moreover, collaborative partnerships, technology transfer agreements, and

public-private initiatives are essential for advancing artemisinin production technologies, strengthening supply chain resilience, and sustaining global progress in malaria control and elimination efforts to reduce the burden of malaria-related morbidity and mortality worldwide.

### Artemisinin 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 Artemisinin market research analyses the global market trends, key drivers, challenges, and opportunities in the industry. In addition, the latest Future of Artemisinin 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 Artemisinin industry.

### Key market trends defining the global Artemisinin 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.

### Artemisinin Market Segmentation- Industry Share, Market Size, and Outlook to 2030

The Artemisinin 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 Artemisinin companies scaling up production in these sub-segments with a focus on expanding into emerging countries.

### Key strategies adopted by companies within the Artemisinin industry

Leading Artemisinin 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 Artemisinin companies.

## Artemisinin Market Study- Strategic Analysis Review

The Artemisinin 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.

## Artemisinin Market Size Outlook- Historic and Forecast Revenue in Three Cases

The Artemisinin 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 2030 in three case scenarios- low case, reference case, and high case scenarios.

## Artemisinin Country Analysis and Revenue Outlook to 2030

The report analyses 22 countries worldwide including the key driving forces and market size outlook from 2021 to 2030. 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 2030.

## North America Artemisinin 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 end-user

industry demand. Leading companies focus on new product launches in the changing environment. The US economy is expected to grow in 2024 (around 2.2% growth in 2024), potentially driving demand for various Artemisinin market segments. Similarly, Strong end-user demand is encouraging Canadian Artemisinin companies to invest in niche segments. Further, as Mexico continues to strengthen its trade relations and invest in technological advancements, the Mexico Artemisinin market is expected to experience significant expansion, offering lucrative opportunities for both domestic and international stakeholders.

**Europe Artemisinin Market Size Outlook-Companies investing in assessing consumers, categories, competitors, and capabilities**

The German industry remains the major market for companies in the European Artemisinin 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 businesses in identifying and leveraging new growth prospects positions the European Artemisinin 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 Artemisinin 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 Artemisinin in Asia Pacific. In particular, China, India, and South East Asian Artemisinin markets present a compelling outlook for 2030, acting as a magnet for both domestic and multinational manufacturers 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 markets in the region.

**Latin America Artemisinin 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 Artemisinin 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 Artemisinin market potential. Fueled by increasing healthcare expenditure of individuals, growing population, and high prevalence across a few markets drives the demand for Artemisinin.

#### Artemisinin Market Company Profiles

The global Artemisinin 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 Calyx Pharmaceuticals and Chemicals, Guilin Pharmaceutical Co. Ltd, Kunming Pharmaceutical Corp, Mylan Laboratories Ltd, Sanofi Aventis, Shanghai Desano Chemical Pharmaceutical Co. Ltd, Yeshua-Bio-Tech

#### Recent Artemisinin Market Developments

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

#### Artemisinin Market Report Scope

Parameters: Revenue, Volume Price

Study Period: 2023 (Base Year); 2018- 2023 (Historic Period); 2024- 2030 (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 Application

Malaria

Cancer

Helminth Parasites

By Production Mechanism

Biosynthesis

Chemical Synthesis

Engineered Organisms

Geographical Segmentation:

North America (3 markets)

Europe (6 markets)

Asia Pacific (6 markets)

Latin America (3 markets)

Middle East Africa (5 markets)

### Companies

Calyx Pharmaceuticals and Chemicals

Guilin Pharmaceutical Co. Ltd

Kunming Pharmaceutical Corp

Mylan Laboratories Ltd

Sanofi Aventis

Shanghai Desano Chemical Pharmaceutical Co. Ltd

Yeshua-Bio-Tech

Formats Available: Excel, PDF, and PPT

## Contents

### 1. EXECUTIVE SUMMARY

- 1.1 Artemisinin Market Overview and Key Findings, 2024
- 1.2 Artemisinin Market Size and Growth Outlook, 2021- 2030
- 1.3 Artemisinin Market Growth Opportunities to 2030
- 1.4 Key Artemisinin Market Trends and Challenges
  - 1.4.1 Artemisinin Market Drivers and Trends
  - 1.4.2 Artemisinin Market Challenges
- 1.5 Competitive Landscape and Key Players
- 1.6 Competitive Analysis- Growth Strategies Adopted by Leading Artemisinin Companies

### 2. ARTEMISININ MARKET SIZE OUTLOOK TO 2030

- 2.1 Artemisinin Market Size Outlook, USD Million, 2021- 2030
- 2.2 Artemisinin Incremental Market Growth Outlook, %, 2021- 2030
- 2.3 Segment Snapshot, 2024

### 3. ARTEMISININ MARKET- STRATEGIC ANALYSIS REVIEW

- 3.1 Porter's Five Forces Analysis
  - \* Threat of New Entrants
  - \* Threat of Substitutes
  - \* Intensity of Competitive Rivalry
  - \* Bargaining Power of Buyers
  - \* Bargaining Power of Suppliers
- 3.2 Value Chain Analysis
- 3.3 SWOT Analysis

### 4. ARTEMISININ MARKET SEGMENTATION ANALYSIS AND OUTLOOK

- 4.1 Market Segmentation and Scope
- 4.2 Market Breakdown by Type, Application, and Other Segments, 2021-2030
  - By Application
    - Malaria
    - Cancer
    - Helminth Parasites



By Production Mechanism

Biosynthesis

Chemical Synthesis

Engineered Organisms

4.3 Growth Prospects and Niche Opportunities, 2023- 2030

4.4 Regional comparison of Market Growth, CAGR, 2023-2030

## **5. REGION-WISE MARKET OUTLOOK TO 2030**

5.1 Key Findings for Asia Pacific Artemisinin Market, 2025

5.2 Asia Pacific Artemisinin Market Size Outlook by Type, 2021- 2030

5.3 Asia Pacific Artemisinin Market Size Outlook by Application, 2021- 2030

5.4 Key Findings for Europe Artemisinin Market, 2025

5.5 Europe Artemisinin Market Size Outlook by Type, 2021- 2030

5.6 Europe Artemisinin Market Size Outlook by Application, 2021- 2030

5.7 Key Findings for North America Artemisinin Market, 2025

5.8 North America Artemisinin Market Size Outlook by Type, 2021- 2030

5.9 North America Artemisinin Market Size Outlook by Application, 2021- 2030

5.10 Key Findings for South America Artemisinin Market, 2025

5.11 South America Pacific Artemisinin Market Size Outlook by Type, 2021- 2030

5.12 South America Artemisinin Market Size Outlook by Application, 2021- 2030

5.13 Key Findings for Middle East and Africa Artemisinin Market, 2025

5.14 Middle East Africa Artemisinin Market Size Outlook by Type, 2021- 2030

5.15 Middle East Africa Artemisinin Market Size Outlook by Application, 2021- 2030

## **6. COUNTRY-WISE MARKET SIZE OUTLOOK TO 2030**

6.1 US Artemisinin Market Size Outlook and Revenue Growth Forecasts

6.2 US Artemisinin Industry Drivers and Opportunities

6.3 Canada Market Size Outlook and Revenue Growth Forecasts

6.4 Canada Artemisinin Industry Drivers and Opportunities

6.6 Mexico Market Size Outlook and Revenue Growth Forecasts

6.6 Mexico Artemisinin Industry Drivers and Opportunities

6.7 Germany Market Size Outlook and Revenue Growth Forecasts

6.8 Germany Artemisinin Industry Drivers and Opportunities

6.9 France Market Size Outlook and Revenue Growth Forecasts

6.10 France Artemisinin Industry Drivers and Opportunities

6.11 UK Market Size Outlook and Revenue Growth Forecasts

6.12 UK Artemisinin Industry Drivers and Opportunities

- 6.13 Spain Market Size Outlook and Revenue Growth Forecasts
- 6.14 Spain Artemisinin Industry Drivers and Opportunities
- 6.16 Italy Market Size Outlook and Revenue Growth Forecasts
- 6.16 Italy Artemisinin Industry Drivers and Opportunities
- 6.17 Rest of Europe Market Size Outlook and Revenue Growth Forecasts
- 6.18 Rest of Europe Artemisinin Industry Drivers and Opportunities
- 6.19 China Market Size Outlook and Revenue Growth Forecasts
- 6.20 China Artemisinin Industry Drivers and Opportunities
- 6.21 India Market Size Outlook and Revenue Growth Forecasts
- 6.22 India Artemisinin Industry Drivers and Opportunities
- 6.23 Japan Market Size Outlook and Revenue Growth Forecasts
- 6.24 Japan Artemisinin Industry Drivers and Opportunities
- 6.26 South Korea Market Size Outlook and Revenue Growth Forecasts
- 6.26 South Korea Artemisinin Industry Drivers and Opportunities
- 6.27 Australia Market Size Outlook and Revenue Growth Forecasts
- 6.28 Australia Artemisinin Industry Drivers and Opportunities
- 6.29 South East Asia Market Size Outlook and Revenue Growth Forecasts
- 6.30 South East Asia Artemisinin Industry Drivers and Opportunities
- 6.31 Rest of Asia Pacific Market Size Outlook and Revenue Growth Forecasts
- 6.32 Rest of Asia Pacific Artemisinin Industry Drivers and Opportunities
- 6.33 Brazil Market Size Outlook and Revenue Growth Forecasts
- 6.34 Brazil Artemisinin Industry Drivers and Opportunities
- 6.36 Argentina Market Size Outlook and Revenue Growth Forecasts
- 6.36 Argentina Artemisinin Industry Drivers and Opportunities
- 6.37 Rest of South America Market Size Outlook and Revenue Growth Forecasts
- 6.38 Rest of South America Artemisinin Industry Drivers and Opportunities
- 6.39 Middle East Market Size Outlook and Revenue Growth Forecasts
- 6.40 Middle East Artemisinin Industry Drivers and Opportunities
- 6.41 Africa Market Size Outlook and Revenue Growth Forecasts
- 6.42 Africa Artemisinin Industry Drivers and Opportunities

## **7. ARTEMISININ MARKET OUTLOOK ACROSS SCENARIOS**

- 7.1 Low Growth Case
- 7.2 Reference Growth Case
- 7.3 High Growth Case

## **8. ARTEMISININ COMPANY PROFILES**

- 8.1 Profiles of Leading Artemisinin Companies in the Market
- 8.2 Business Descriptions, SWOT Analysis, and Growth Strategies
- 8.3 Financial Performance and Key Metrics
  - Calyx Pharmaceuticals and Chemicals
  - Guilin Pharmaceutical Co. Ltd
  - Kunming Pharmaceutical Corp
  - Mylan Laboratories Ltd
  - Sanofi Aventis
  - Shanghai Desano Chemical Pharmaceutical Co. Ltd
  - Yeshua-Bio-Tech

## **9. APPENDIX**

- 9.1 Scope of the Report
- 9.2 Research Methodology and Data Sources
- 9.3 Glossary of Terms
- 9.4 Market Definitions
- 9.5 Contact Information

## I would like to order

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