

Global Methionine Market Size study, by Type (DL-Methionine, Methionine Hydroxy Analog (MHA), and L-Methionine), by End-Use Industry (Animal Feed, Food & Beverage, Pharmaceuticals, and Others), and Regional Forecasts 2022-2032

<https://marketpublishers.com/r/GBBEBA7A9D1FEN.html>

Date: April 2025

Pages: 285

Price: US\$ 3,750.00 (Single User License)

ID: GBBEBA7A9D1FEN

Abstracts

Global Methionine Market is valued approximately at USD 4.1 billion in 2023 and is anticipated to grow with a promising compound annual growth rate of more than 6.00% over the forecast period 2024-2032. As global demand for protein continues to soar and sustainability mandates redefine livestock productivity, methionine has cemented its status as an indispensable amino acid in modern nutrition science. Widely recognized as a key player in the formulation of high-efficiency animal feed, methionine improves feed conversion ratios, supports gut health, and enhances growth performance in poultry, pigs, and aquaculture species. Its expanding application in food fortification, dietary supplements, and pharmaceuticals further fuels its importance across sectors, elevating methionine from a niche ingredient to a critical nutritional building block for global health and agriculture.

The market's upward trajectory is driven primarily by the relentless growth of the global animal feed sector, particularly in regions where intensive livestock farming dominates the protein supply chain. Methionine's ability to reduce nitrogen excretion while ensuring optimal growth rates aligns perfectly with rising environmental scrutiny and cost-optimization goals in industrial farming. Among its types, DL-methionine continues to dominate in terms of volume due to its cost-effectiveness and performance efficiency, while Methionine Hydroxy Analog (MHA) is gaining interest for its liquid formulation benefits in precision feeding systems. Moreover, innovations in fermentation-based production methods are lowering environmental impact and improving yield quality—factors that resonate deeply in the era of sustainable agri-tech.

Simultaneously, methionine's role is extending beyond animal feed into segments like clinical nutrition and pharmaceuticals. It is increasingly being integrated into formulations aimed at liver health, parenteral nutrition, and metabolic therapies. In the food & beverage sector, methionine is valued as a functional additive in protein-enriched products and nutraceuticals, particularly as vegan and plant-based diets surge. The pharmaceutical-grade methionine market is also being shaped by aging populations, chronic disease prevalence, and the pursuit of amino-acid-based therapies, thereby opening new frontiers for market expansion and diversification.

However, this expanding opportunity landscape is not without its operational hurdles. Fluctuations in raw material prices, dependency on petrochemical inputs in synthetic methionine production, and stringent environmental regulations are pressuring manufacturers to adopt greener, more cost-effective production methods. Additionally, global supply chain disruptions—ranging from geopolitical tensions to logistical bottlenecks—can influence methionine availability and pricing volatility. In response, companies are increasingly investing in localized production hubs, backward integration, and R&D for bio-based alternatives, reshaping the competitive dynamics of the industry.

From a geographical standpoint, Asia Pacific holds a commanding share of the global methionine market, owing to its massive poultry production base, rising disposable incomes, and rapid industrialization of livestock farming in countries like China, India, and Indonesia. Europe follows closely, fueled by stringent animal welfare laws, environmental compliance standards, and high consumption of compound feed. North America remains a mature yet stable market, benefiting from strong R&D capabilities and steady meat consumption patterns. Meanwhile, Latin America and the Middle East & Africa are evolving into high-potential zones as local meat industries scale up and nutritional efficiency becomes a regional priority.

Major market player included in this report are:

Evonik Industries AG

Sumitomo Chemical Co., Ltd.

Novus International, Inc.

CJ CheilJedang Corp.

Adisseo

Meihua Holdings Group Co., Ltd.

Chongqing Unisplendour Chemical Co., Ltd.

Prinova Group LLC

Bluestar Adisseo Company

Ajinomoto Co., Inc.

Phibro Animal Health Corporation

Sunrise Nutrachem Group

CJ Bio Malaysia Sdn Bhd

METEX N??VISTAGO

Sichuan Hebang Biotechnology Co., Ltd.

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

By Type

DL-Methionine

Methionine Hydroxy Analog (MHA)

L-Methionine

By End-Use Industry

Animal Feed

Food & Beverage

Pharmaceuticals

Others

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

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.

Contents

CHAPTER 1. GLOBAL METHIONINE MARKET EXECUTIVE SUMMARY

- 1.1. Global Methionine Market Size & Forecast (2022-2032)
- 1.2. Regional Summary
- 1.3. Segmental Summary
 - 1.3.1. By Type
 - DL-Methionine
 - Methionine Hydroxy Analog (MHA)
 - L-Methionine
 - 1.3.2. By End-Use Industry
 - Animal Feed
 - Food & Beverage
 - Pharmaceuticals
 - Others
- 1.4. Key Trends
- 1.5. Recession Impact
- 1.6. Analyst Recommendation & Conclusion

CHAPTER 2. GLOBAL METHIONINE MARKET DEFINITION AND RESEARCH ASSUMPTIONS

- 2.1. Research Objective
- 2.2. Market Definition
- 2.3. Research Assumptions
 - 2.3.1. Inclusion & Exclusion
 - 2.3.2. Limitations
 - 2.3.3. Supply Side Analysis
 - 2.3.3.1. Availability
 - 2.3.3.2. Infrastructure
 - 2.3.3.3. Regulatory Environment
 - 2.3.3.4. Market Competition
 - 2.3.3.5. Economic Viability (Consumer's Perspective)
 - 2.3.4. Demand Side Analysis
 - 2.3.4.1. Regulatory Frameworks
 - 2.3.4.2. Technological Advancements
 - 2.3.4.3. Environmental Considerations
 - 2.3.4.4. Consumer Awareness & Acceptance

- 2.4.?Estimation Methodology
- 2.5.?Years Considered for the Study
- 2.6.?Currency Conversion Rates

CHAPTER 3.?GLOBAL METHIONINE MARKET DYNAMICS

- 3.1.?Market Drivers
 - 3.1.1.?Increasing Global Demand for Protein and Nutritional Efficiency
 - 3.1.2.?Rapid Growth of the Animal Feed Sector and Livestock Productivity
 - 3.1.3.?Advancements in Production Technologies and Sustainability Initiatives
- 3.2.?Market Challenges
 - 3.2.1.?Fluctuations in Raw Material Prices and Petrochemical Dependencies
 - 3.2.2.?Stringent Environmental Regulations and Supply Chain Disruptions
- 3.3.?Market Opportunities
 - 3.3.1.?Expansion of Bio-Based and Greener Production Processes
 - 3.3.2.?R&D Innovations in Fermentation and Process Optimization
 - 3.3.3.?Regional Expansion in Emerging Livestock Markets

CHAPTER 4.?GLOBAL METHIONINE MARKET INDUSTRY ANALYSIS

- 4.1.?Porter's 5 Force Model
 - 4.1.1.?Bargaining Power of Suppliers
 - 4.1.2.?Bargaining Power of Buyers
 - 4.1.3.?Threat of New Entrants
 - 4.1.4.?Threat of Substitutes
 - 4.1.5.?Competitive Rivalry
 - 4.1.6.?Futuristic Approach to Porter's 5 Force Model
 - 4.1.7.?Porter's 5 Force Impact Analysis
- 4.2.?PESTEL Analysis
 - 4.2.1.?Political
 - 4.2.2.?Economical
 - 4.2.3.?Social
 - 4.2.4.?Technological
 - 4.2.5.?Environmental
 - 4.2.6.?Legal
- 4.3.?Top Investment Opportunity
- 4.4.?Top Winning Strategies
- 4.5.?Disruptive Trends
- 4.6.?Industry Expert Perspective

4.7. Analyst Recommendation & Conclusion

CHAPTER 5. GLOBAL METHIONINE MARKET SIZE & FORECASTS BY TYPE 2022-2032

5.1. Segment Dashboard

5.2. Global Methionine Market: Type Revenue Trend Analysis, 2022 & 2032 (USD Million/Billion)

5.2.1. DL-Methionine

5.2.2. Methionine Hydroxy Analog (MHA)

5.2.3. L-Methionine

CHAPTER 6. GLOBAL METHIONINE MARKET SIZE & FORECASTS BY END-USE INDUSTRY 2022-2032

6.1. Segment Dashboard

6.2. Global Methionine Market: End-Use Industry Revenue Trend Analysis, 2022 & 2032 (USD Million/Billion)

6.2.1. Animal Feed

6.2.2. Food & Beverage

6.2.3. Pharmaceuticals

6.2.4. Others

CHAPTER 7. GLOBAL METHIONINE MARKET SIZE & FORECASTS BY REGION 2022-2032

7.1. North America Market

7.1.1. U.S. Market

7.1.1.1. Type Breakdown Size & Forecasts, 2022-2032

7.1.1.2. End-Use Breakdown Size & Forecasts, 2022-2032

7.1.2. Canada Market

7.2. Europe Market

7.2.1. UK Market

7.2.2. Germany Market

7.2.3. France Market

7.2.4. Spain Market

7.2.5. Italy Market

7.2.6. Rest of Europe Market

7.3. Asia-Pacific Market

- 7.3.1.?China Market
- 7.3.2.?India Market
- 7.3.3.?Japan Market
- 7.3.4.?Australia Market
- 7.3.5.?South Korea Market
- 7.3.6.?Rest of Asia-Pacific Market
- 7.4.?Latin America Market
 - 7.4.1.?Brazil Market
 - 7.4.2.?Mexico Market
 - 7.4.3.?Rest of Latin America Market
- 7.5.?Middle East & Africa Market
 - 7.5.1.?Saudi Arabia Market
 - 7.5.2.?South Africa Market
 - 7.5.3.?Rest of Middle East & Africa Market

CHAPTER 8.?COMPETITIVE INTELLIGENCE

- 8.1.?Key Company SWOT Analysis
 - 8.1.1.?Evonik Industries AG
 - 8.1.2.?Sumitomo Chemical Co., Ltd.
 - 8.1.3.?Novus International, Inc.
- 8.2.?Top Market Strategies
- 8.3.?Company Profiles
 - 8.3.1.?Evonik Industries AG
 - 8.3.1.1.?Key Information
 - 8.3.1.2.?Overview
 - 8.3.1.3.?Financial (Subject to Data Availability)
 - 8.3.1.4.?Product Summary
 - 8.3.1.5.?Market Strategies
 - 8.3.2.?Sumitomo Chemical Co., Ltd.
 - 8.3.3.?Novus International, Inc.
 - 8.3.4.?CJ CheilJedang Corp.
 - 8.3.5.?Adisseo
 - 8.3.6.?Meihua Holdings Group Co., Ltd.
 - 8.3.7.?Chongqing Unisplendour Chemical Co., Ltd.
 - 8.3.8.?Prinova Group LLC
 - 8.3.9.?Bluestar Adisseo Company
 - 8.3.10.?Ajinomoto Co., Inc.
 - 8.3.11.?Phibro Animal Health Corporation

- 8.3.12. ?Sunrise Nutrachem Group
- 8.3.13. ?CJ Bio Malaysia Sdn Bhd
- 8.3.14. ?METEX N??VISTAGO
- 8.3.15. ?Sichuan Hebang Biotechnology Co., Ltd.

CHAPTER 9. ?RESEARCH PROCESS

- 9.1. ?Research Process
 - 9.1.1. ?Data Mining
 - 9.1.2. ?Analysis
 - 9.1.3. ?Market Estimation
 - 9.1.4. ?Validation
 - 9.1.5. ?Publishing
- 9.2. ?Research Attributes

List Of Tables

LIST OF TABLES

TABLE 1.?Global Methionine Market, Report Scope

TABLE 2.?Global Methionine Market Estimates & Forecasts by Region 2022-2032
(USD Million/Billion)

TABLE 3.?Global Methionine Market Estimates & Forecasts by Type 2022-2032 (USD
Million/Billion)

TABLE 4.?Global Methionine Market Estimates & Forecasts by End-Use Industry
2022-2032 (USD Million/Billion)

TABLE 5.?Global Methionine Market by Segment, Estimates & Forecasts, 2022-2032
(USD Million/Billion)

TABLE 6.?North America Methionine Market Estimates & Forecasts, 2022-2032 (USD
Million/Billion)

TABLE 7.?Europe Methionine Market Estimates & Forecasts, 2022-2032 (USD
Million/Billion)

TABLE 8.?Asia-Pacific Methionine Market Estimates & Forecasts, 2022-2032 (USD
Million/Billion)

TABLE 9.?Latin America Methionine Market Estimates & Forecasts, 2022-2032 (USD
Million/Billion)

TABLE 10.?Middle East & Africa Methionine Market Estimates & Forecasts, 2022-2032
(USD Million/Billion)

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This list is not complete; the final report contains more than 100 tables. The list may be updated in the final deliverable.

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