

Global Pharmaceutical Grade Glycine Market Growth 2026-2032

<https://marketpublishers.com/r/GE8877EF2F64EN.html>

Date: September 2026

Pages: 133

Price: US\$ 3,660.00 (Single User License)

ID: GE8877EF2F64EN

Abstracts

The global Pharmaceutical Grade Glycine market size is predicted to grow from US\$ 482 million in 2025 to US\$ 798 million in 2032; it is expected to grow at a CAGR of 7.5% from 2026 to 2032.

Pharmaceutical Grade Glycine is a high-purity amino acid manufactured under stringent GMP conditions and used as an active ingredient, excipient, or buffering agent in injectable formulations, oral solid dosage forms, and various pharmaceutical preparations. In 2025, the average global price of pharmaceutical grade glycine is approximately US\$3,800 per ton, with global sales volume reaching around 128,000 tons and production volume estimated at about 136,000 tons. The industry typically maintains a gross margin of 34%–52%, supported by purification requirements, compliance with pharmacopeial standards, validated manufacturing processes, and stable demand from pharmaceutical and API manufacturers. The value chain includes upstream raw materials such as ammonia and chloroacetic acid or bio-based intermediates; midstream producers focus on synthesis, crystallization, purification, quality control, and regulatory compliance; downstream customers primarily include pharmaceutical manufacturers, injectable drug producers, API companies, contract manufacturing organizations, and clinical formulation developers.

According to industry analysis, pharmaceutical grade glycine is transitioning from a commoditized amino acid into a regulated pharmaceutical input with increasing emphasis on trace impurity control, documentation, and supply reliability. Market competition is shifting toward compliance capability, batch consistency, and long-term supply agreements, while injectable drug growth and regulatory scrutiny continue to support stable demand.

LP Information, Inc. (LPI) ' newest research report, the “Pharmaceutical Grade Glycine Industry Forecast” looks at past sales and reviews total world Pharmaceutical Grade Glycine sales in 2025, providing a comprehensive analysis by region and market sector of projected Pharmaceutical Grade Glycine sales for 2026 through 2032. With Pharmaceutical Grade Glycine sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world Pharmaceutical Grade Glycine industry.

This Insight Report provides a comprehensive analysis of the global Pharmaceutical Grade Glycine landscape and highlights key trends related to product segmentation, company formation, revenue, and market share, latest development, and M&A activity. This report also analyzes the strategies of leading global companies with a focus on Pharmaceutical Grade Glycine portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global Pharmaceutical Grade Glycine market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Pharmaceutical Grade Glycine and breaks down the forecast by Type, by Application, geography, and market size to highlight emerging pockets of opportunity. With a transparent methodology based on hundreds of bottom-up qualitative and quantitative market inputs, this study forecast offers a highly nuanced view of the current state and future trajectory in the global Pharmaceutical Grade Glycine.

This report presents a comprehensive overview, market shares, and growth opportunities of Pharmaceutical Grade Glycine market by product type, application, key manufacturers and key regions and countries.

Segmentation by Type:

>98%

>99%

Segmentation by Production Route:

Chemical Synthesis

Bio-based Fermentation

Hybrid Process

Segmentation by Sterilization Status:

Non-sterile Grade

Sterile Grade

Segmentation by Application:

Hospital

Clinic

Other

This report also splits the market by region:

Americas

United States

Canada

Mexico

Brazil

APAC

China

Japan

Korea

Southeast Asia

India

Australia

Europe

Germany

France

UK

Italy

Russia

Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

The below companies that are profiled have been selected based on inputs gathered from primary experts and analysing the company's coverage, product portfolio, its market penetration.

GEO Specialty Chemicals

WEGO

Shijiazhuang Haitian Amino acid

Evonik

Kyowa

FabriChem

Chattem Chemicals

AMINO GmbH

Ajinomoto

Linxi Hongtai

Showa Denko KK

Hubei Xingfa Chemicals Group

Paras Intermediates Private Limited

Hebei DonghuaJian Chemicals

Shijiazhuang Donghua Jinlong Chemical

Hebei Donghua Jiheng Chemical

Amino GmbH

Yuki Gosei Kogyo

CJ CheilJedang

Key Questions Addressed in this Report

What is the 10-year outlook for the global Pharmaceutical Grade Glycine market?

What factors are driving Pharmaceutical Grade Glycine market growth, globally and by region?

Which technologies are poised for the fastest growth by market and region?

How do Pharmaceutical Grade Glycine market opportunities vary by end market size?

How does Pharmaceutical Grade Glycine break out by Type, by Application?

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