

Glutathione Market to Grow at 6.9% CAGR Through 2030: QY Research Study

New QY Research Report Highlights Key Trends Driving Glutathione Market Expansion

PUNE, MAHARASHTRA, INDIA, May 22, 2025 /EINPresswire.com/ -- India, May 22, 2025 – QY Research, a leading global market intelligence firm, today announced the release of its latest report on the [global glutathione market](#), titled “Global Glutathione Market 2025–2031: Trends and Forecast.” The report finds that the market was valued at approximately US\$92.2 million in 2024 and is projected to reach about US\$142 million by 2031, representing a compound annual growth rate (CAGR) of 6.5% from 2025 through 2031. Growth is driven by rising demand for antioxidants and increasing use of glutathione in health and wellness applications.



“Glutathione is widely recognized as a key antioxidant in human health and wellness, and its market is poised for significant expansion,” said Dr. Jane Liu, Senior Analyst at QY Research. “Our analysis shows that health awareness, innovations in cosmetics and pharmaceuticals, and improvements in production technology are fueling robust growth in this market.”

Market Overview

Glutathione is a naturally occurring antioxidant involved in cellular protection and detoxification. In addition to its physiological role, it has diverse commercial applications due to its antioxidant and skin-lightening properties. Major end-use industries include pharmaceuticals, nutritional supplements, cosmetics, food and beverages, and others.

The QY Research report highlights several drivers of market growth. Consumers’ increasing focus

on health supplements and functional foods rich in antioxidants is fueling demand for glutathione. In cosmetics and personal care, rising demand for whitening and anti-aging products—especially in Asia-Pacific—is boosting sales. Meanwhile, use in pharmaceuticals is expanding as glutathione is studied for treatments in areas like liver health and neurodegenerative diseases.

Technological advances in fermentation and extraction are making production more cost-effective and scalable. These factors, along with regulatory support for nutraceuticals and dietary supplements, collectively support the glutathione market's steady expansion. The study also examines the role of distribution channels (from retail pharmacies to e-commerce) and their impact on market accessibility and consumer reach.

Market Segmentation by Type

The report segments the global glutathione market into Reduced Glutathione (GSH) and Oxidized Glutathione (GSSG). Reduced glutathione (GSH) dominates the market, accounting for approximately 91% of global share. As the bioactive form used in most supplements, pharmaceuticals, and cosmetic formulations, GSH's strong antioxidant effect and popularity in formulations make it the primary revenue generator.

Oxidized glutathione (GSSG) is less prevalent but still analyzed; it is converted back to GSH in the body. Typically, GSSG accounts for a smaller share of the global market by volume. The report details production differences and pricing dynamics between the GSH and GSSG segments.

Application Segmentation

By application, the report breaks down the market into pharmaceuticals, health and nutritional products, cosmetics and personal care, food and beverages, and other applications:

Health Products: This is the largest application segment, accounting for approximately 58% of the total market. The dietary supplements and nutraceuticals segment is rapidly growing. Glutathione supplements are marketed for immune support, anti-aging, liver health, and detoxification.

Pharmaceuticals: Glutathione is used in drugs and treatments for a variety of conditions, including liver disorders and chemotherapy side effect management. This sector represents a major portion of the market due to large healthcare industry demand.

Cosmetics and Personal Care: One of the fastest-growing applications. Glutathione's skin-brightening and anti-wrinkle benefits have made it a popular ingredient in lotions, serums, and oral beauty supplements.

Food and Beverages: Although smaller compared to other sectors, this segment is expected to grow as functional food markets expand. Glutathione is used as an additive in nutritional drinks and fortified snacks.

Other Applications: Includes uses in animal feed and pet health products, as well as smaller industrial or research uses.

Competitive Landscape

The global glutathione market is highly consolidated among a few key manufacturers. QY Research identifies Kyowa Hakko Bio, Shandong Jincheng Biological Pharmaceutical, KOHJIN Life Sciences, Gnosis SpA, and Kaiping Genuine Biochemical Pharmaceutical as the leading players, collectively holding over 95% of the market.

Each of the top manufacturers leverages advanced fermentation technologies and large production capacities:

Kyowa Hakko Bio (Japan): Known for its high-quality FermentGSH brand and strong presence in Asian and North American markets.

Shandong Jincheng Biological Pharmaceutical (China): A leading producer with extensive fermentation facilities.

KOHJIN Life Sciences (Japan): Specializes in health and cosmetic ingredients with a global reach.

Gnosis SpA (Italy): Active in the life sciences space with advanced biotech production.

Kaiping Genuine Biochemical Pharmaceutical (China): Offers a diversified product portfolio and competitive pricing.

The report profiles these and other important companies, analyzing their product lines, capacity expansions, patents, and partnerships. Market leaders are investing in research to meet growing demand and develop innovative formulations to enhance stability and bioavailability.

Regional Analysis

North America is now the largest market, with a share of approximately 41%, reflecting strong consumer demand for dietary supplements and functional foods.

China follows with about 20% market share, driven by production capacity and rising domestic consumption.

India ranks next with approximately 11%, reflecting its growing nutraceutical and cosmetic sectors.

Other key markets include Europe, Japan, and Southeast Asia. Each regional section of the report provides market size estimates and forecasts, as well as discussion of region-specific drivers, challenges, and consumption trends.

Report Coverage

The report is organized into comprehensive chapters that examine all key aspects of the glutathione market. It covers market dynamics (growth drivers, restraints, and opportunities), detailed segmentation by product type (GSH/GSSG) and application, and thorough regional and country-level analyses. Each regional chapter provides market size and growth forecasts along with discussion of local drivers and trends.

The report also includes in-depth profiles of major industry players and strategic analyses (such as SWOT and Porter's Five Forces) to guide industry decision-makers.

"Our detailed analysis provides clarity and direction for companies and investors looking to capitalize on the expanding glutathione market," commented Michael Chen, Director of Market Intelligence at QY Research. "Readers will find robust data tables, charts, and strategic insights that reveal where the market is headed and how to position for future opportunities."

Conclusion

With growing global interest in health and wellness, the demand for antioxidant ingredients like glutathione is stronger than ever. The QY Research report underscores a strong growth trajectory for the glutathione market. It provides stakeholders with robust data and analysis to make evidence-based decisions and identify new market opportunities.

About QY Research: QY Research is a leading provider of market intelligence and consulting services across multiple industries. The firm combines data-driven analysis with industry expertise to help businesses make informed strategic decisions. QY Research's reports and consulting services support planning in areas such as investment strategy, product development, and market entry. The firm serves clients worldwide in sectors such as life sciences, chemicals, and food ingredients, drawing on deep industry expertise.

For more information or to request the full report, please visit the QY Research website or contact the QY Research sales team.

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