

Global D-Glutamine Market 2025 by Manufacturers, Regions, Type and Application, Forecast to 2031

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Abstracts

According to our (Global Info Research) latest study, the global D-Glutamine market size was valued at US\$ million in 2024 and is forecast to a readjusted size of USD million by 2031 with a CAGR of %during review period.

In this report, we will assess the current U.S. tariff framework alongside international policy adaptations, analyzing their effects on competitive market structures, regional economic dynamics, and supply chain resilience.

D-glutamine, a D-type stereoisomer of glutamine, is a medicinal amino acid that penetrates into cells and is used to treat ulcers in the digestive tract. Glutamine is the most abundant amino acid in muscle and blood. The human body cannot produce essential amino acids on its own, it can only be consumed through diet, and glutamine is a conditionally essential amino acid. This means that a healthy and stress-free body can produce enough glutamine on its own, but when a person is sick or has suffered trauma, the demand for glutamine exceeds the supply, making this amino acid essential.

This report is a detailed and comprehensive analysis for global D-Glutamine market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2025, are provided.

Key Features:

Global D-Glutamine market size and forecasts, in consumption value (\$ Million), sales quantity (kg), and average selling prices (US\$/kg), 2020-2031

Global D-Glutamine market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (kg), and average selling prices (US\$/kg), 2020-2031

Global D-Glutamine market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (kg), and average selling prices (US\$/kg), 2020-2031

Global D-Glutamine market shares of main players, shipments in revenue (\$ Million), sales quantity (kg), and ASP (US\$/kg), 2020-2025

The Primary Objectives in This Report Are:

To determine the size of the total market opportunity of global and key countries

To assess the growth potential for D-Glutamine

To forecast future growth in each product and end-use market

To assess competitive factors affecting the marketplace

This report profiles key players in the global D-Glutamine market based on the following parameters - company overview, sales quantity, revenue, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include TCI America, Santa Cruz Biotechnology, Yeasen Biotechnology, Cayman Chemical, Hunan Flag Bio-technology, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Market Segmentation

D-Glutamine market is split by Type and by Application. For the period 2020-2031, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

Market segment by Type

Purity 99%

Purity 98%

Other

Market segment by Application

Biomedicine

Nutritional Health Products

Major players covered

TCI America

Santa Cruz Biotechnology

Yeasen Biotechnology

Cayman Chemical

Hunan Flag Bio-technology

Market segment by region, regional analysis covers

North America (United States, Canada, and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe D-Glutamine product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of D-Glutamine, with price, sales quantity,

revenue, and global market share of D-Glutamine from 2020 to 2025.

Chapter 3, the D-Glutamine competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the D-Glutamine breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2020 to 2031.

Chapter 5 and 6, to segment the sales by Type and by Application, with sales market share and growth rate by Type, by Application, from 2020 to 2031.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value, and market share for key countries in the world, from 2020 to 2025. and D-Glutamine market forecast, by regions, by Type, and by Application, with sales and revenue, from 2026 to 2031.

Chapter 12, market dynamics, drivers, restraints, trends, and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of D-Glutamine.

Chapter 14 and 15, to describe D-Glutamine sales channel, distributors, customers, research findings and conclusion.

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