

Global Threonine Acid Supply, Demand and Key Producers, 2026-2032

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Abstracts

The global Threonine Acid market size is expected to reach \$ 4181 million by 2032, rising at a market growth of 3.9% CAGR during the forecast period (2026-2032). Threonine is an essential amino acid for humans and animals, which cannot be synthesized by the body and must be obtained through exogenous intake. It is widely used in animal feed, food fortification, and pharmaceuticals, primarily to promote protein synthesis, maintain gut health, and improve feed conversion efficiency. It is one of the important bio-fermented amino acid products.

Upstream applications mainly include starchy raw materials such as corn and cassava, as well as sugar sources, energy sources, and fermentation aids. Downstream applications are mainly in livestock and poultry feed (aquaculture and poultry farming), functional foods and nutritional supplements, and related fields in pharmaceuticals and health products.

In 2025, the global threonine market price was \$1350/ton, with sales of approximately 2.3 million tons, a global production capacity of 2.6 million tons, and an industry profit margin of 25%.

Global Market Future Development Trends

Against the backdrop of continued large-scale and intensive development in global livestock farming, threonine, as an important additive for balancing the amino acid structure of feed, continues to see stable demand growth. The adoption of low-protein diets in major markets such as Europe, the US, and China has effectively increased the proportion of added amino acids, driving the continued expansion of threonine usage in poultry, livestock, and aquatic feed.

With the maturation of bio-fermentation technology, global threonine production capacity is highly concentrated, and large-scale production is driving a continuous decline in unit costs. The focus of industry competition has shifted from 'expanding capacity' to 'reducing costs and improving efficiency,' including strain optimization, shortening

fermentation cycles, and energy consumption control. Price fluctuations are becoming more rational, and the market is entering a relatively mature stage. Besides feed, the application of threonine in food fortification, special medical purpose formulations, and functional nutritional products is gradually increasing. Upgrading consumption and increasing health awareness in emerging markets will drive up the proportion of high-purity, food-grade, and pharmaceutical-grade products, prompting the global threonine market to achieve structural upgrading while maintaining stable growth. This report studies the global Threonine Acid production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Threonine Acid and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2025 as the base year. This report explores demand trends and competition, as well as details the characteristics of Threonine Acid that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Threonine Acid total production and demand, 2021-2032, (Kilotons)

Global Threonine Acid total production value, 2021-2032, (USD Million)

Global Threonine Acid production by region & country, production, value, CAGR, 2021-2032, (USD Million) & (Kilotons), (based on production site)

Global Threonine Acid consumption by region & country, CAGR, 2021-2032 & (Kilotons)

U.S. VS China: Threonine Acid domestic production, consumption, key domestic manufacturers and share

Global Threonine Acid production by manufacturer, production, price, value and market share 2021-2026, (USD Million) & (Kilotons)

Global Threonine Acid production by Type, production, value, CAGR, 2021-2032, (USD Million) & (Kilotons)

Global Threonine Acid production by Application, production, value, CAGR, 2021-2032, (USD Million) & (Kilotons)

This report profiles key players in the global Threonine Acid market based on the following parameters - company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Prinova Group, Evonik Industries, ADM, Evonik, Shanghai Seebio Biotech, The Graymor Chemical, Foodchem International, Peptides International, Ajinomoto Heartland, Biomatik Corporation, etc.

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

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World Threonine Acid market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (Kilotons) and average price (US\$/Ton) by manufacturer, by Type, and by Application. Data is given for the years 2021-2032 by year with 2025 as the base year, 2026 as the estimate year, and 2027-2032 as the forecast year.

Global Threonine Acid Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Threonine Acid Market, Segmentation by Type:

Animal Based Threonine Acid

Plant Based Threonine Acid

Global Threonine Acid Market, Segmentation by Chemical Forms:

L-Threonine

DL-Threonine

Global Threonine Acid Market, Segmentation by Production Processes:

Microbial Fermentation

Chemical Synthesis

Biocatalytic Fermentation

Global Threonine Acid Market, Segmentation by Application:

Food & Dietary Supplements

Animal Feed

Pharmaceuticals

Others

Companies Profiled:

Prinova Group

Evonik Industries

ADM

Evonik

Shanghai Seebio Biotech

The Graymor Chemical

Foodchem International

Peptides International

Ajinomoto Heartland

Biomatik Corporation

Glanbia Nutritionals

A & Z Food Additives

Pacific Rainbow International

Key Questions Answered:

1. How big is the global Threonine Acid market?
2. What is the demand of the global Threonine Acid market?
3. What is the year over year growth of the global Threonine Acid market?
4. What is the production and production value of the global Threonine Acid market?
5. Who are the key producers in the global Threonine Acid market?
6. What are the growth factors driving the market demand?

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