

Global Natural Inositol Supply, Demand and Key Producers, 2026-2032

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Abstracts

The global Natural Inositol market size is expected to reach \$ 212 million by 2032, rising at a market growth of 6.4% CAGR during the forecast period (2026-2032).

In 2025, sales of natural inositol reached 12,568 tons, with an average price of US\$10,523 per ton.

Natural inositol refers to inositol (mainly myo-inositol) obtained from animal and plant tissues or their byproducts through hydrolysis (enzymatic) extraction and purification, as opposed to 'synthetic inositol.' Its core source is phytic acid (inositol hexaphosphate) from plants, which can reach 4-6% in rice bran, corn soaking water, wheat bran, etc. Free inositol is obtained through high-pressure hydrolysis or targeted enzymatic hydrolysis, followed by decolorization, ion exchange, concentration, and crystallization to obtain the final product. The product appears as a white crystalline powder with a slightly sweet taste. Its molecular formula is $C_6H_{12}O_6$, melting point is 225 °C, and its solubility in water is 143 g L⁻¹ (19 °C). It is a natural water-soluble carbohydrate, previously classified as vitamin B8, but because it can be synthesized from glucose in the human kidneys, liver, and brain, it is not an essential vitamin.

Natural inositol uses crude phytic acid (containing 40%–50% inositol hexaphosphate) extracted from defatted rice bran or corn soaking water as its core raw material. This is achieved through hot water hydrolysis at 190–230 °C and 20–28 kg cm⁻², or targeted enzymatic hydrolysis, followed by ion exchange decolorization, desalting, concentration, and crystallization to obtain the final product. The raw material cost comprises 35%–40% for phytic acid/soaking water, 20% for steam and electricity consumption, 15% for acids, alkalis, resins, and other auxiliary materials, and 25% for labor, environmental protection, and packaging.

This report studies the global Natural Inositol production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Natural Inositol 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 Natural Inositol that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Natural Inositol total production and demand, 2021-2032, (Tons)

Global Natural Inositol total production value, 2021-2032, (USD Million)

Global Natural Inositol production by region & country, production, value, CAGR, 2021-2032, (USD Million) & (Tons), (based on production site)

Global Natural Inositol consumption by region & country, CAGR, 2021-2032 & (Tons)

U.S. VS China: Natural Inositol domestic production, consumption, key domestic manufacturers and share

Global Natural Inositol production by manufacturer, production, price, value and market share 2021-2026, (USD Million) & (Tons)

Global Natural Inositol production by Type, production, value, CAGR, 2021-2032, (USD Million) & (Tons)

Global Natural Inositol production by Application, production, value, CAGR, 2021-2032, (USD Million) & (Tons)

This report profiles key players in the global Natural Inositol 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 TSUNO, Zhucheng Haotian Pharm, Falcon Wealth(Jilin), Suning Yuwei, Jingkai Biotechnology, Zouping Chenshi Biotechnology, Anhui Huaheng, 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 Natural Inositol market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (Tons) 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 Natural Inositol Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Natural Inositol Market, Segmentation by Type:

High-Temperature and High-Pressure Acid Hydrolysis

Enzyme-Catalyzed Hydrolysis

Microbial Fermentation

Global Natural Inositol Market, Segmentation by Grades:

Food Grade

Pharmaceutical Grade

Feed Grade

Global Natural Inositol Market, Segmentation by Raw Materials:

Rice Bran

Corn Soaking Water

Other

Global Natural Inositol Market, Segmentation by Application:

Pharmaceuticals

Food and Beverages

Cosmetics

Feed Additives

Other

Companies Profiled:

TSUNO

Zhucheng Haotian Pharm

Falcon Wealth(Jilin)

Suning Yuwei

Jingkai Biotechnology

Zouping Chenshi Biotechnology

Anhui Huaheng

Key Questions Answered:

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

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