

Global Food Grade Microbial Fermented Pigments Market Growth 2026-2032

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Abstracts

The global Food Grade Microbial Fermented Pigments market size is predicted to grow from US\$ 194 million in 2025 to US\$ 293 million in 2032; it is expected to grow at a CAGR of 6.1% from 2026 to 2032.

Food-grade microbial fermented pigments refer to natural pigments produced and extracted by microorganisms (such as molds, bacteria, and yeasts) under controlled fermentation conditions. They possess advantages such as safety, stability, and a wide range of raw material sources, and are widely used in the food industry. A typical example is red yeast rice.

The upstream mainly involves the screening and modification of high-yield microbial strains (such as yeast, molds, and algae), fermentation raw materials (molasses, corn starch, inorganic salts, etc.), and bioreactors and testing equipment. The midstream involves fermentation and refining, using deep liquid or solid-state fermentation combined with separation, purification, and microencapsulation technologies to produce stable pigment formulations.

Global sales are projected to reach thousands of tons by 2025, with an average global market price of approximately US\$35-60 per kilogram. Gross profit margins typically range from 30% to 50%.

United States market for Food Grade Microbial Fermented Pigments is estimated to increase from US\$ million in 2025 to US\$ million by 2032, at a CAGR of % from 2026 through 2032.

China market for Food Grade Microbial Fermented Pigments is estimated to increase

from US\$ million in 2025 to US\$ million by 2032, at a CAGR of % from 2026 through 2032.

Europe market for Food Grade Microbial Fermented Pigments is estimated to increase from US\$ million in 2025 to US\$ million by 2032, at a CAGR of % from 2026 through 2032.

Global key Food Grade Microbial Fermented Pigments players cover DSM-firmenich, BASF, Lycored, Yaegaki Biotechnology, Divi's Nutraceuticals, etc. In terms of revenue, the global two largest companies occupied for a share nearly % in 2025.

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

This Insight Report provides a comprehensive analysis of the global Food Grade Microbial Fermented Pigments 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 Food Grade Microbial Fermented Pigments portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global Food Grade Microbial Fermented Pigments market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Food Grade Microbial Fermented Pigments 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 Food Grade Microbial Fermented Pigments.

This report presents a comprehensive overview, market shares, and growth opportunities of Food Grade Microbial Fermented Pigments market by product type,

application, key manufacturers and key regions and countries.

Segmentation by Type:

Red Yeast Rice Pigment

Quinone Pigment

Carotenoids

Other

Segmentation by Microorganism Source:

Fungi

Bacteria

Yeasts

Segmentation by Application:

Beverages

Dairy Products

Confectionery

Meat Products

Others

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.

DSM-firmenich

BASF

Lycored

Yaegaki Biotechnology

Divi's Nutraceuticals

Fermentalg

Colorifix

Pili

Octarine Bio

Zhongda Hengyuan

Tianyi Biotech

Guangdong KeLong Biotech

CABIO Biotech

HSF Biotech

Zhejiang Sanhe Bio-tech

Daosheng Synbiology

Key Questions Addressed in this Report

What is the 10-year outlook for the global Food Grade Microbial Fermented Pigments market?

What factors are driving Food Grade Microbial Fermented Pigments market growth, globally and by region?

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

How do Food Grade Microbial Fermented Pigments market opportunities vary by end market size?

How does Food Grade Microbial Fermented Pigments break out by Type, by Application?

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