

Global Food Grade Microbial Fermented Pigments Market 2026 by Manufacturers, Regions, Type and Application, Forecast to 2032

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Abstracts

According to our (Global Info Research) latest study, the global Food Grade Microbial Fermented Pigments market size was valued at US\$ 204 million in 2025 and is forecast to a readjusted size of US\$ 302 million by 2032 with a CAGR of 5.8% during review period.

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%.

This report is a detailed and comprehensive analysis for global Food Grade Microbial Fermented Pigments 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 Food Grade Microbial Fermented Pigments market size and forecasts, in consumption value (\$ Million), sales quantity (Tons), and average selling prices (US\$/kg), 2021-2032

Global Food Grade Microbial Fermented Pigments market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (Tons), and average selling prices (US\$/kg), 2021-2032

Global Food Grade Microbial Fermented Pigments market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (Tons), and average selling prices (US\$/kg), 2021-2032

Global Food Grade Microbial Fermented Pigments market shares of main players, shipments in revenue (\$ Million), sales quantity (Tons), and ASP (US\$/kg), 2021-2026

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 Food Grade Microbial Fermented Pigments

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 Food Grade Microbial Fermented Pigments 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 DSM-firmenich, BASF, Lycored, Yaegaki Biotechnology, Divi's Nutraceuticals, Fermentalg, Colorifix, Pili, Octarine Bio, Zhongda Hengyuan, etc.

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

Market Segmentation

Food Grade Microbial Fermented Pigments market is split by Type and by Application. For the period 2021-2032, 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

Red Yeast Rice Pigment

Quinone Pigment

Carotenoids

Other

Market segment by Microorganism Source

Fungi

Bacteria

Yeasts

Market segment by Application

Beverages

Dairy Products

Confectionery

Meat Products

Others

Major players covered

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

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 Food Grade Microbial Fermented Pigments product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Food Grade Microbial Fermented Pigments, with price, sales quantity, revenue, and global market share of Food Grade Microbial Fermented Pigments from 2021 to 2026.

Chapter 3, the Food Grade Microbial Fermented Pigments competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Food Grade Microbial Fermented Pigments breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2021 to 2032.

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 2021 to 2032.

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 2021 to 2026. and Food Grade Microbial Fermented Pigments market forecast, by regions, by Type, and by Application, with sales and revenue, from 2027 to 2032.

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 Food Grade Microbial Fermented Pigments.

Chapter 14 and 15, to describe Food Grade Microbial Fermented Pigments sales channel, distributors, customers, research findings and conclusion.

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