

Global Phycocyanin Market 2025 by Manufacturers, Regions, Type and Application, Forecast to 2031

<https://marketpublishers.com/r/G568594636C4EN.html>

Date: June 2025

Pages: 101

Price: US\$ 3,480.00 (Single User License)

ID: G568594636C4EN

Abstracts

According to our (Global Info Research) latest study, the global Phycocyanin market size was valued at US\$ 79.3 million in 2024 and is forecast to a readjusted size of USD 209 million by 2031 with a CAGR of 15.0% during review period.

Phycocyanin is a pigment-protein complex from the light-harvesting phycobiliprotein family, along with allophycocyanin and phycoerythrin. It is an accessory pigment to chlorophyll. All phycobiliproteins are water-soluble, so they cannot exist within the membrane like carotenoids can. Instead, phycobiliproteins aggregate to form clusters that adhere to the membrane called phycobilisomes. Phycocyanin is a characteristic light blue color, absorbing orange and red light, particularly near 620 nm (depending on which specific type it is), and emits fluorescence at about 650 nm (also depending on which type it is). Allophycocyanin absorbs and emits at longer wavelengths than phycocyanin C or phycocyanin R. Phycocyanins are found in Cyanobacteria (also called blue-green algae).

DIC, Parry Nutraceuticals, Nan Pao International Biotech, King Dnarmsa Spirulina and Zhejiang Binmei Biotechnology are the top 5 of global Phycocyanin, with about 74% market shares.

This report is a detailed and comprehensive analysis for global Phycocyanin 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 Phycocyanin market size and forecasts, in consumption value (\$ Million), sales quantity (MT), and average selling prices (USD/Kg), 2020-2031

Global Phycocyanin market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (MT), and average selling prices (USD/Kg), 2020-2031

Global Phycocyanin market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (MT), and average selling prices (USD/Kg), 2020-2031

Global Phycocyanin market shares of main players, shipments in revenue (\$ Million), sales quantity (MT), and ASP (USD/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 Phycocyanin

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 Phycocyanin 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 DIC, Japan Algae, Parry Nutraceuticals, Ozone Naturals, EcoFuel Laboratories, Nan Pao International Biotech, King Dnarmsa Spirulina, Zhejiang Binmei Biotechnology, Wuli Lvqi, Norland, etc.

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

Market Segmentation

Phycocyanin 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

Food Grade

Cosmetic Grade

Pharmaceutical Grade

Market segment by Application

Natural Food Colorant

Pharmaceutical Industry

Major players covered

DIC

Japan Algae

Parry Nutraceuticals

Ozone Naturals

EcoFuel Laboratories

Nan Pao International Biotech

King Dharma Spirulina

Zhejiang Binmei Biotechnology

Wuli Lvqi

Norland

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 Phycocyanin product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Phycocyanin, with price, sales quantity, revenue, and global market share of Phycocyanin from 2020 to 2025.

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

Chapter 4, the Phycocyanin 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 Phycocyanin 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 Phycocyanin.

Chapter 14 and 15, to describe Phycocyanin sales channel, distributors, customers, research findings and conclusion.

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