

# 2018 Top 5 Phycobiliprotein Players in North America, Europe, Asia-Pacific, South America, Middle East and Africa

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## Abstracts

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Phycobiliprotein are water-soluble proteins present in cyanobacteria and certain algae, for example rhodophytes, cryptomonads, glaucocystophytes, that capture light energy, which is then passed on to chlorophylls during photosynthesis. Phycobiliproteins are formed of a complex between proteins and covalently bound phycobilins that act as chromophores. They are most important constituents of the phycobilisomes.

Scientific research shows that the phycobiliprotein can be used as a natural pigment of food, cosmetics, dyes and other industries. It also can be made into a fluorescent reagent using in clinical medical diagnosis, immune chemical and biological engineering research field. In a word, it has wide range of applications, high development and utilization value. But because of low market awareness and high price, its application market is still immature. Phycobiliprotein's present value is about 1522 million dollars in worldwide in 2015.

According to our survey, Dainippon Ink and Chemicals from Japan is one of the earliest companies researching and manufacturing phycobiliprotein. So Japan is the biggest supplier of phycobiliprotein depending on mature technology and enough raw materials like spirulina naturally cultured. It occupies relatively large market share at about 28%. With the huge amount of population, the demand of phycobiliprotein is large in China. But, Chinese manufacturing technology is still not mature. With the expansion of investment, phycobiliprotein industry will usher in a huge growth space.

Over the next five years, LPI(LP Information) projects that Phycobiliprotein will register a 5.6% CAGR in terms of revenue, reach US\$ 1830 million by 2023, from US\$ 1320 million in 2017.

This report studies the global market, especially in North America, Europe, Asia-Pacific, South America, Middle East and Africa, focuses on the top 5 players in each region, with sales, price, revenue and market share from 2013 to 2018, the top players:

Phyco-Biotech

Columbia Bioscience

Dainippon Ink and Chemicals

Norland Biotech

Algapharma Biotech

SETA BioMedicals

Sigma-Aldrich

Market Segment by Regions, this report splits Global into several key Regions, with sales, revenue, market share of top players in these regions, from 2013 to 2018 (forecast), like

North America (United States, Canada and Mexico)

Asia-Pacific (China, Japan, Southeast Asia, India and Korea)

Europe (Germany, UK, France, Italy and Russia etc.)

South America (Brazil, Chile, Peru and Argentina)

Middle East and Africa (Egypt, South Africa, Saudi Arabia)

Split by Product Types, with sales, revenue, price, market share of each type, can be divided into

Phycoerythrin

Phycocyanin

Phycoerythrocyanin

Allophycocyanin

Split by applications, this report focuses on sales, market share and growth rate in each application, can be divided into

Food

Scientific Research

Medical

Cosmetic

Others

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