

# **Global Peptone Market Size study & Forecast, by Type (Animal Peptone, Plant Peptone, Microbial Peptone, Others), by Application (Pharmaceutical, Research Institutions, Food Industry, Industrial Applications, Others) and Regional Analysis, 2023-2030**

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## **Abstracts**

Global Peptone Market is valued approximately at USD XX billion in 2022 and is anticipated to grow with a healthy growth rate of more than XX% over the forecast period 2023-2030. Peptone is a protein-rich substance derived from the partial digestion of natural sources such as meat, casein, or soybean meal. It is widely used in microbiology, biotechnology, and food industries as a nutrient source for the growth of microorganisms. Peptone contains a mixture of peptides, amino acids, vitamins, minerals and other growth-promoting factors that support the proliferation of bacteria, fungi, and other cells in culture media. It serves as a complex nitrogen and carbon source, providing essential nutrients for microbial growth and metabolism. Peptone is commonly used in the preparation of culture media for various applications, including microbial fermentation, research, diagnostics, and the production of biopharmaceuticals. The growth of the Peptone market is boosted because of factors such as rapid development of biopharmaceutical industry and rising awareness and demand for nutritional supplements.

The biopharmaceutical industry, which includes the production of vaccines, antibodies, and recombinant proteins, is experiencing significant growth. According to Statista, the estimated combined value of the global biopharmaceutical industry reached USD 7.15 trillion as of January 2021. Peptone is used in the production of nutritional supplements due to its high protein content and amino acid composition. The increasing awareness about the importance of protein-rich supplements in maintaining a healthy lifestyle is boosting the demand for peptone-based nutritional supplements. Moreover, the

technological advancements in peptone and culture medium along with rising usage in biotechnology applications is expected to create lucrative opportunities in the market. However, the high construction and maintenance costs of workrooms and lack of experts and skilled professionals stifles market growth throughout the forecast period of 2023-2030.

The key regions considered for the Global Peptone Market study includes Asia Pacific, North America, Europe, Latin America, and Middle East & Africa. North America dominated the market in 2022 with largest market share owing to the factors such as rising prevalence of life-threatening chronic diseases, expansion of production capacity and improvement of manufacturing chain by the leading market players. However, Asia Pacific is expected to become the fastest growing during the forecast period, owing to factors such as focus on the development of healthcare infrastructure, increased collaborative research activities and the existence of large number of importers as well as exporters.

Major market player included in this report are:

Thermo Fisher Scientific Inc.

Hardy Diagnostics Inc.

BD Biosciences Systems & Reagents Inc.

Biospringer S.A

Merck Millipore Ltd

Liangshan Ketai Biological

Xinhua Biochemical Tech Development

HiMedia Laboratories

Titan Biotech

Zhejiang Huzhou Confluence Biology

Recent Developments in the Market:

In February 2022, Thermo Fisher Scientific expanded its bioprocessing manufacturing site in Millersburg, PA, as part of a significant investment of US\$650 million. This expansion aims to enhance the company's bioprocessing production capabilities, ensuring the reliable, scalable, and flexible manufacturing of critical materials for the biopharmaceutical industry.

In November 2021, Biotechnica has recently introduced a new range of low endotoxin EndoLow peptones, which offer the advantage of not requiring ultrafiltration. The EndoLow Peptones provide a reliable and efficient solution for ensuring low endotoxin levels in biopharmaceutical production processes.

In October 2021, Merck KGaA has entered into a collaboration with Siemens to

strengthen its digital machine-to-machine (M2M) capabilities and foster trust in industrial value chains.

Global Peptone Market Report Scope:

Historical Data – 2020 - 2021

Base Year for Estimation – 2022

Forecast period - 2023-2030

Report Coverage - Revenue forecast, Company Ranking, Competitive Landscape, Growth factors, and Trends

Segments Covered - Type, Application, Region

Regional Scope - North America; Europe; Asia Pacific; Latin America; Middle East & Africa

Customization Scope - Free report customization (equivalent up to 8 analyst's working hours) with purchase. Addition or alteration to country, regional & segment scope\*

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within countries involved in the study.

The report also caters detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, it also incorporates potential opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and product offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Type:

Animal Peptone

Plant Peptone

Microbial Peptone

Others

By Application:

Pharmaceuticals

Research Institutions

Food Industry

Industrial Applications

Others

**By Region:****North America**

U.S.

Canada

**Europe**

UK

Germany

France

Spain

Italy

ROE

**Asia Pacific**

China

India

Japan

Australia

South Korea

RoAPAC

**Latin America**

Brazil

Mexico

**Middle East & Africa**

Saudi Arabia

South Africa

Rest of Middle East &amp; Africa

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