

Global Lysine Market- Global Industry Size, Share, Trends, Opportunity, and Forecast, 2018-2028 Segmented By Type (Lysine Chloride and Lysine Sulphate), By Application (Animal Feed, Food Industry, Healthcare, Others), By Company, By Region

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Abstracts

The global lysine market is anticipated to increase at an impressive rate through 2028. L-lysine, often known as lysine, is an amino acid required for various physiological processes. The amino acid is considered a bodybuilding block as it mixes with other substances to make this macronutrient, protein, and amino acids. Lysine is an essential amino acid and needs to consume by humans and others regularly. As lysine is not produced naturally in the human body, it is required to extract from some external source, such as food and medicine, which propels the lysine market.

Growing demand for goods in different end-user industries, such as animal feed, food, and healthcare, propels the market growth. Increasing meat consumption, expanding the cattle industry, rising demand for functional food ingredients, and significant investment in research and development activities to maximize production capacity are all driving market revenue growth. Additionally, the lysine industry would experience substantial growth due to escalating agricultural production, consumer knowledge of the advantages of protein intake, and consumer shifts toward healthy diets. All these factors will drive the global lysine market growth in the projected period.

Growing Healthcare Awareness

The need for nutrient-rich food has increased recently, and as a result, food products like cereals and meat have been strengthened. Consumer demand for these nutrient-rich food products is very high in medicinal value as it helps to prevent the prevalence of

different diseases, lessen recovery time & strength, and prevent relapse of different viruses and diseases in humans and animals. Due to changes in lifestyle and eating habits, people face various health issues and take preventive measures to safeguard them. As lysine is a necessary amino acid and not formed in human or animal bodies, it is a massive marketplace, as all living beings need this for healthy survival. Lysine is beneficial in producing proteins as it enhances calcium absorption, generates muscle protein, and produces enzymes, hormones, and antibodies. Due to all these reasons, people are more influenced by the benefits of lysine consumption and driving the demand for the global lysine market in the projected period.

Rising Demand in Animal Nutrition

Lysine plays a pivotal role in animal nutrition since it is a part of many metabolic processes. The growing global population, coupled with the increasing consumption of meat, is expected to drive the growth of global lysine market. The world population is expected to increase by about 35% reaching 9.74 billion in 2050. To meet the demands of the global population, the animal feed will be required for the quick growth of animals, thereby increasing the demand for lysine. Lysine helps animals gain weight faster by drawing nutrients from limited feed and still being delivered as quality meat. This, in turn, is expected to fuel the growth of the lysine market in the coming years. Bone meal and blood meal bans in many countries, along with rising animal feed prices, are supporting the demand for lysine for use as a substitute in animal feed. Moreover, lysine provides an economical and efficient substitution for costly feeds to both farmers and animals and has fewer environmental after-effects concerning nitrous excretion.

Recent Developments

Increasing research & development activities, patent applications & grants, mergers & acquisitions, investments & fundings, and new product launches, among others, are expected to foster the growth of global lysine market. For instance, in May 2022, Terremoto Biosciences, a leading biotechnology company in California, raised funding of USD75 million in a series of financing led by renowned life science investors OrbiMed and Third Rock Ventures for developing optimized medicines for consumers. This funding will also be used to advance the company's lysine-targeted covalency platform that allows the team to pursue a diverse range of protein targets from validated receptors. Similarly, in July 2020, Archer Daniels Company launched NutriPass L, a rumen-stable and intestinally available lysine supplement for cows.

Market Segmentation

The global lysine market is segmented based on type and application.

Based on type, the market is divided into lysine chloride and lysine sulphate. Based on application, the market is divided into animal feed, the food industry, healthcare, and others.

Market Players

Ajinomoto Co. Inc., Kyowa Hakko Bio Co. Ltd., Henan Steroids Bio-Technology Co. Ltd., Global Bio-chem Technology Group Company Limited, Shanghai Soyoung Biotechnology Inc., Shanghai Changgen Chemical Technology Co Ltd, Zibo Xinglu Chemical Plant, Shaanxi Dideu Medichem Co., Ltd, Wuxi Jinghai Amino Acid Co., Ltd., Evonik Industries AG are the major market player in global lysine market.

Report Scope:

In this report, global lysine market has been segmented into the following categories, in addition to the industry trends, which have also been detailed below:

Global Lysine Market, by Type:

Lysine Chloride

Lysine Sulphate

Global Lysine Market, by Application:

Animal Feed

Food Industry

Healthcare

Others

Global Lysine Market, By Region:

North America

United States

Canada

Mexico

Europe

Germany

France

United Kingdom

Italy

Spain

Asia-Pacific

China

India

Japan

South Korea

Australia

South America

Brazil

Argentina

Colombia

Middle East & Africa

South Africa

Saudi Arabia

UAE

Kuwait

Competitive Landscape

Company Profiles: Detailed analysis of the major companies present in global lysine market.

Available Customizations:

With the given market data, TechSci Research offers customizations according to a company's specific needs. The following customization options are available for the report:

Company Information

Detailed analysis and profiling of additional market players (up to five).

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