

Amino Acids - Critical to Life - RI Technologies' Exhaustive Market Research on Types and Application Areas

Market Research with Focus on Arginine, Aspartic Acid, Glutamic Acid, Glycine, Lysine, Methionine, Phenylalanine, Threonine, Tryptophan

HYDERABAD, TELANGANA, INDIA, February 3, 2016 /EINPresswire.com/ -- RI Technologies' exclusive portfolio of [Amino Acids market](#)

research reports emphasizes on the growing importance of market dynamics of global amino acids market. The production of amino acids in laboratories using different biotechnological techniques marks the development and coordination of science and technology. The demand for amino acid production is huge and constant improvement in the field is always desired for cost effective and high



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The collective work of different fields of science and technology is the cause for the successful and flourishing production of amino acids.”

Anasuya Vemuri

yield production strategies. New findings such as the existence of specific export carriers or cyclic fluxes within the anapleurotic reactions are to be exploited maximum for better production of amino acids. The strain development, the fermentation process and the new science of metabolic engineering are to be closely coordinated for the advantageous production of amino acids from available sources.

There has been a substantial increase in the demand for amino acids in the last thirty years, with market demand for amino acids doubling in the last ten years. L-lysine, which is used as an additive in animal feed, has shown a sharp increase in demand. It is estimated that the global market for L-lysine has increased almost 20 times in the past twenty years. There are other amino acids that are now available in the market such as L-threonine, L-aspartate and L-phenylalanine. Specifically, L-aspartate and L-phenylalanine are used for the synthesis of a sweetener known as Aspartame. Among the amino acids available in the market, L-Glutamate is still the most popular one followed by L-lysine and D, L-methionine.

The prices of amino acids are often affected by the dynamics in the market. The increase in the efficiency of the fermentation technology can lead to the development of cheaper goods and thereby increase the overall demand. Subsequently, there is bound to be large-scale production of these products which will lower the costs even more. However, despite these trends in the market, the supply of amino acids such as L-lysine to be used as feed additives will compete with soybean meal which is a natural source of L-lysine. Therefore, there are bound to be fluctuations in the market demand for amino acids based on the yield of crops. The quantity of production of amino acids is also a determinant of its cost. Amino acids that are produced on a large-scale are bound to be less in cost. The price factor also plays a role in the location of the production plants. The location of the production plants is governed by the chief dynamics of price of the carbon source and the local

market. There are large L-glutamate production plants in different parts of the world specifically in the countries of the Far East such as Thailand and Indonesia. However, as far as the location of the production plants of L-lysine are concerned, the situation is different. Since one-third of the global market for this product is concentrated in North America, one-third of the L-lysine production plants are located there. The location of these plants in this area is also driven by the availability of maize as a feedstock material for the process of fermentation. Most of the time, the companies that are producers of L-lysine are linked to the maize milling industry in various capacities either as producers, in joint ventures or as suppliers of cheap sugar. This is indicative of the fact that commercialization of amino acid production is undergoing rapid change and growth under the influence of the various global interactions.

Know More about the Reports -

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D-amino Acids - <https://www.researchimpact.com/global-market-research-reports/report.php?link=d-amino-acids>

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Beauty products are increasing their demand for incorporation of amino acids as more and more people are making use of amino acids to maintain their figure and body fitness. There is an increasing trend at present to incorporate amino acids in body soaps, rinses and shampoos. Such products that contain amino acids do certainly have advantages to improve the general fitness of the body.

Amino acids continue to command a large market share, and continue to grow. The packaged food industry is now becoming the major user of amino acids, and the demand from society remains strong for such food supplements. Amino acids are now being used in many forms including health-food drinks, body building supplements, and even nutrients in the intravenous feeding and maintenance products.

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