

Feed Amino Acids – A Global Market Overview

“The report reviews, analyzes and projects the global market for Feed Amino Acids for the period 2012-2022. Feed Amino Acids analyzed in this study include L-Lysine, Methionine, L-Threonine, L-Tryptophan, L-Valine and Glycine. The study also analyzes the animal feed types, in which feed grade amino acids are widely used, including Swine Feed, Poultry Feed, Ruminants Feed, Aqua Feed and Other Animal Feed.”

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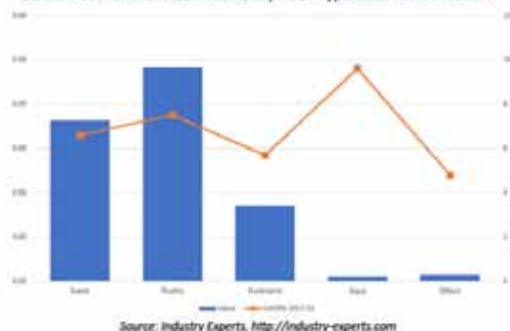
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Report Synopsis

Increasing pressure on the livestock sector to meet the growing demand for animal protein worldwide is driving growth of amino acids in compound animal feed production. The recent past has been witnessing a growing demand for animal protein globally for livestock, dairy and fish. This trend has been more apparent in the developing economies such as Asia-Pacific, as against the developed regions that have continued to be relatively stable.

Global volume consumption of Feed Grade Amino Acids is estimated at 4.5 million metric tons in 2017 and is projected to reach 6.2 million metric tons by 2022 at a CAGR of 6.8% between the two years. Poultry feed constitutes the largest consumer of feed amino acids globally with 2017 market share of 43.4%, volume consumption of which is slated to compound annually at 7.6% over 2017-2022 in reaching a projected 2.8 million metric tons by 2022 from an estimated 1.9 million metric tons in 2017.

Global Feed Amino Acids Market by Feed Type 2017 in USD Million



Research Findings & Coverage

- The feed amino acids global market analyzed in this report for its product types as well as the animal feed type
- The report briefly explains about the feed amino acid types along with the feed types including definitions and processes
- Animal protein demand increase to boost the market for amino acids in feed production
- Burgeoning Opportunities for Amino Acids in High Growth Aquaculture Industry
- Next Limiting Amino Acid L-Valine Fueling Growth for Amino Acids in the Animal Feed Sector
- Key business trends focusing on product innovations/developments, M&As, JVs and other recent industry developments
- Major companies profiled – 61
- The industry guide includes the contact details for 227 companies

Product Outline

The report analyzes the market for the key product types Feed Grade Amino Acids:

- L-Lysine
- Methionine
- L-Threonine
- L-Tryptophan
- L-Valine
- Glycine

Animal Feed types of feed grade amino acids analyzed comprise the following:

- Swine Feed
- Poultry Feed
- Ruminants Feed
- Aqua Feed
- Other Animal Feed

Analysis Period, Units and Growth Rates

- The report reviews, analyzes and projects the worldwide Feed Amino Acids market for the period 2012-2022 in terms of consumption in metric tons and market value in US\$ and the compound annual growth rates (CAGRs) projected from 2017 through 2022

Geographic Coverage

- **North America** (The United States, Canada and Mexico)
- **Europe** (France, Germany, Italy, the Netherlands, Poland, Russia, Spain, The United Kingdom and Rest of Europe)
- **Asia-Pacific** (China, India, Indonesia, Japan, South Korea and Rest of Asia-Pacific)
- **South America** (Argentina, Brazil and Rest of South America)
- **Rest of World**

SAMPLE COMPANY PROFILE

AJINOMOTO CO., INC. (JAPAN)

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Phone: +81 3 5250 8111
Website: www.ajinomoto.com

Business Overview

Incorporated in 1909, Ajinomoto Co., Inc is a leading global developer and manufacturer of seasonings, processed foods, beverages, food ingredients, amino acids, pharmaceuticals and specialty chemicals. The company offers its products and solutions to animal feed, food and human health sectors through its amino acid technologies. The company operates in 27 countries with major subsidiaries and affiliates span across Europe & Africa, Asia, The Americas and other regions and employs around 33,000 people worldwide. Globally, Ajinomoto operates 86 food production plants, 24 amino acid and specialty chemicals plants, 1 pharmaceuticals and 7 other production plants. Ajinomoto has five manufacturing bases for feed grade amino acid production around the world. They are in Thailand, China, France, Brazil and USA. Ajinomoto produces pharma and food grade amino acids at plants located in Japan, United States and China. Ajinomoto is the leading manufacturer and supplier of amino acids globally, producing complete range of amino acids for animal feed, food, pharmaceuticals, nutraceuticals and cosmetics & personal care applications.

Product Portfolio

Ajinomoto produces amino acids such as l-glutamate for food & beverages industry; l-lysine, l-threonine, l-tryptophan and l-valine for animal feed industry; and glycine and L-amino acids for food, pharmaceuticals, nutraceuticals and cosmetics industries. Ajinomoto also produces amino acids based nutraceuticals and cosmetics. Ajinomoto's amino acid supplements offerings include fusi-BCAA® (l-leucine, l-isoleucine, l-valine), glutamimmune® (l-glutamine), fusil® (l-leucine), argiflow® (l-arginine), tryptopure® (l-tryptophan), aminostable (l-alanyl-l-glutamine).

Monosodium Glutamate

Ajinomoto is the first company to produce L-glutamate/monosodium glutamate (MSG) industrially in the world. Still Ajinomoto is one of the leading producers of MSG worldwide. The company's MSG is marketed under AJI-NO-MOTO brand.

Feed-grade Amino Acids

Ajinomoto produces various feed-grade amino acids using fermentation technology. Products include L-Lysine mono-hydrochloride, AjiLys® Liquid L-Lysine, AjiPro®-L Rumen Protected L-Lysine, L-Threonine, L-Tryptophan, L-Valine and L-Isoleucine for animal agriculture and companion animal nutrition programs.

Pharmaceutical, Food and Nutraceutical-grade Amino Acids

L-Amino Acids: Glycine, L-Alanine, L-Alanyl-L-Glutamine, L-Arginine, L-Arginine HCl, L-Aspartic Acid, L-Cysteine, L-Cysteine HCl, L-Cystine, L-Dopa, L-Glutamic Acid, L-Glutamine, L-Histidine, L-Histidine HCl, L-Isoleucine, L-Leucine, L-Lysine Acetate, L-Lysine HCl, L-Methionine, L-Phenylalanine, L-Proline, L-Serine, L-Threonine, L-Tryptophan, L-Tyrosine and L-Valine

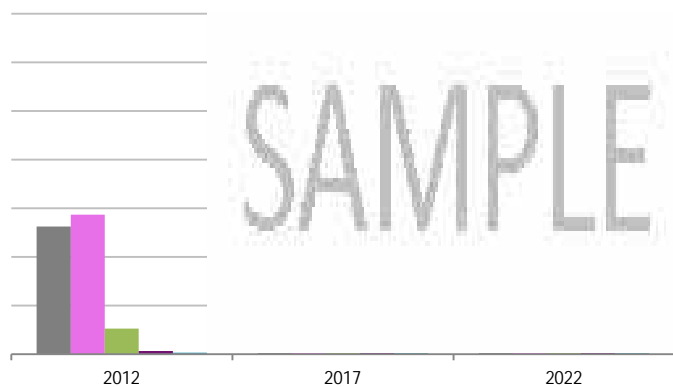
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SAMPLE TABLE/CHART

Glance at 2017 Global Feed Amino Acids Value Market Share (%) by Geographic Region - North America, Europe, Asia-Pacific, South America and Rest of World



Asia-Pacific Feed Amino Acids Market Analysis (2012-2022) by Feed Type - Swine, Poultry, Ruminants, Aqua and Others in Metric Tons



KEY PLAYERS PROFILED

- Adisseo France S.A.S
- Ajinomoto Co., Inc.
- Archer Daniels Midland Company
- Chongqing Unisplendour Chemical Co., Ltd.
- CJ CheilJedang Corporation
- Daesang Corporation
- Evonik Industries AG
- Global Bio-Chem Technology Group Company Limited
- Hebei Donghua Chemical Group
- Linghua Group Limited
- Meihua Holdings Group Co., Ltd.
- Newtrend Group
- Novus International, Inc.
- Shijiazhuang Donghua Jinlong Chemical Co., Ltd.
- Sumitomo Chemical Company, Limited

REGION COVERAGE

- **North America** (United States, Canada and Mexico)
- **Europe** (France, Germany, Italy, The Netherlands, Poland, Russia, Spain, The United Kingdom and Rest of Europe)
- **Asia-Pacific** (China, India, Indonesia, Japan, South Korea and Rest of Asia-Pacific)
- **South America** (Brazil, Argentina and Rest of South America)
- **Rest of World** (Middle-East & Africa)

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