

Arachidonic Acid Market Report by Source (Animal, Plant), Form (Dry, Liquid), End User (Food and Beverage, Pharmaceuticals, and Others), and Region 2024-2032

Market Report | 2024-09-10 | 137 pages | IMARC Group

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Report description:

The global arachidonic acid market size reached US\$ 271.5 Billion in 2023. Looking forward, IMARC Group expects the market to reach US\$ 422.7 Billion by 2032, exhibiting a growth rate (CAGR) of 4.9% during 2024-2032.

Arachidonic acid is a long-chain essential fatty acid used by the human body to synthesize unsaturated carboxylic acids. It is usually consumed in small quantities and is extracted from various food sources, such as poultry, eggs, fish and animal meat. It can also be obtained from mosses and algae. It is commonly available in dry and liquid forms and is added to various food products, dietary supplements, infant formula and pharmaceuticals. Arachidonic acid is combined with docosahexaenoic acid (DHA) to stimulate growth and development in children and send signals to the cell membranes to initiate adaptive changes in case of muscle damage. It is administered through tablets, injections and syrups to meet the nutritional requirements of both adults and children.

Arachidonic Acid Market Trends:

The increasing consciousness regarding child nutrition among the masses is one of the key factors creating driving the market growth. Arachidonic acid is added to women's nutrition and baby food products to promote the development of eyesight, immune response, memory and cell membranes in the body. Moreover, the rising incidence of lifestyle-related disorders leading to the increasing demand for dietary supplements is providing a thrust to the market growth. Consumer preference is rapidly shifting toward premium-quality oil-based nutritional supplements containing essential fatty acids to meet the daily nutritional requirements and lead a healthy lifestyle. In line with this, the increasing demand for sports supplements among the masses is also contributing to the growth of the market. Other factors, including extensive research and development (R&D) activities in the field of biotechnology, along with the increasing consumer awareness regarding the benefits of maintaining adequate nutrition in their diet, are anticipated to drive the market toward growth.

Key Market Segmentation:

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IMARC Group provides an analysis of the key trends in each sub-segment of the global arachidonic acid market report, along with forecasts at the global, regional and country level from 2024-2032. Our report has categorized the market based on source, form and end user.

Breakup by Source:

- Animal
- Plant

Breakup by Form:

- Dry
- Liquid

Breakup by End User:

- Food and Beverage
- Pharmaceuticals
- Others

Breakup by Region:

- North America
 - o□United States
 - o□Canada
- Asia-Pacific
 - o□China
 - o□Japan
 - o□India
 - o□South Korea
 - o□Australia
 - o□Indonesia
 - o□Others
- Europe
 - o□Germany
 - o□France
 - o□United Kingdom
 - o□Italy
 - o□Spain
 - o□Russia
 - o□Others
- Latin America
 - o□Brazil
 - o□Mexico
 - o□Others
- Middle East and Africa

Competitive Landscape:

The competitive landscape of the industry has also been examined along with the profiles of the key players being BASF SE, Bio-Techne Corporation, Cargill Incorporated, Cayman Chemical Company, Croda International Plc, Kingdomway Nutrition Inc.,

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Key Questions Answered in This Report:

- How has the global arachidonic acid market performed so far and how will it perform in the coming years?
- What has been the impact of COVID-19 on the global arachidonic acid market?
- What are the key regional markets?
- What is the breakup of the market based on the source?
- What is the breakup of the market based on the form?
- What is the breakup of the market based on the end user?
- What are the various stages in the value chain of the industry?
- What are the key driving factors and challenges in the industry?
- What is the structure of the global arachidonic acid market and who are the key players?
- What is the degree of competition in the industry?

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