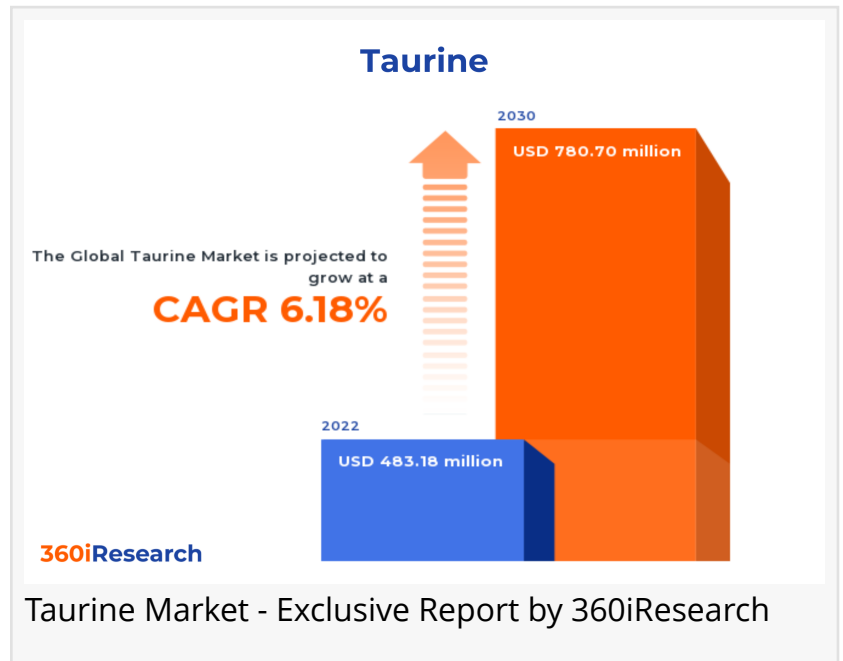


Taurine Market worth \$780.70 million by 2030, growing at a CAGR of 6.18% - Exclusive Report by 360iResearch

The Global Taurine Market to grow from USD 483.18 million in 2022 to USD 780.70 million by 2030, at a CAGR of 6.18%.

PUNE, MAHARASHTRA, INDIA ,
November 17, 2023 /
EINPresswire.com/ -- The "[Taurine Market](#) by Grade (Food Grade, Pharmaceutical Grade), Source (Natural, Synthetic), Form, Application - Global Forecast 2023-2030" report has been added to 360iResearch.com's offering.



The Global Taurine Market to grow from USD 483.18 million in 2022 to USD 780.70 million by 2030, at a CAGR of 6.18%.

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Taurine, a sulfur-containing amino acid, plays a crucial role in numerous physiological processes, such as bile salt formation, antioxidation, detoxification, osmoregulation, and calcium signaling. Major application areas include food & beverages, pharmaceuticals, animal feed, pet food, and cosmetics. The increasing demand for functional food & beverages owing to the rising health concerns among consumers has positively impacted the taurine market growth. As an essential ingredient in energy drinks and sports nutrition products providing enhanced physical endurance and cognitive performance benefits, it has gained significant acceptance from athletes and fitness enthusiasts. Furthermore, the growing awareness regarding the nutritional benefits of taurine in pet food has resulted in its extensive incorporation in various pet food products to support healthy heart function and maintain visual acuity. The adverse effects associated with prolonged high-dose consumption of taurine-based products hamper market

growth. Additionally, the growing incorporation of taurine into products that cater to specific consumer needs, such as anti-aging and stress management, is expected to create opportunities for market growth.

Form: Expanding usage of powder taurine as it provides versatility and longer shelf life

Liquid taurine is a popular choice for those who prefer quick absorption or seek convenience in use. It is commonly found in energy drinks, dietary supplements, and pharmaceutical formulations due to its ease of integration with other ingredients. Powder taurine is ideal for those who need a versatile form with an extended shelf life. It is widely used as an ingredient in supplements, food products, and animal feed formulations due to its stability and ease of use.

Application: Growing application of taurine in the food & beverage industry for producing energy and sports drinks

Taurine has gained attention in agriculture due to its potential benefits in enhancing plant growth and stress tolerance. It is known to improve seed germination, support root development, and enhance nutrient uptake by plants. Specific uses of taurine in agriculture include biostimulants and fertilizers. The cosmetics & personal care industry values taurine for its moisturizing, antioxidative, and anti-inflammatory properties. These attributes make it an effective ingredient in skincare products such as creams, lotions, serums, and masks for addressing various skin concerns such as aging, dryness, acne-prone skin, and sensitive skin conditions. Food & beverage applications for taurine encompass energy drinks, sports drinks, nutritional supplements, and toddler milk formulae, along with fortified functional foods targeting cardiovascular health and brain function enhancements. Taurine is popular among consumers who seek increased physical performance and cognitive function improvement through their diet. Taurine is used in pharmaceutical applications due to its diverse biological roles, such as regulating calcium levels, osmoregulation, antioxidation, anti-inflammatory actions, and bile acid conjugation. It is utilized as an active ingredient or excipient in medications developed for treating health issues like liver disorders, congestive heart failure, autism spectrum disorder (ASD), and epilepsy among others.

Source: Rising adoption of natural taurine by vegetarian or vegan diet

Natural taurine is an organic compound found mainly in animal-based products such as meat, dairy, fish, and shellfish. It plays a crucial role in diverse physiological processes, such as bile acid conjugation, osmoregulation, detoxification, and neuromodulation. Synthetic taurine is artificially produced through chemical synthesis using raw materials like ethylene oxide and sodium bisulfite. Synthetic taurine is utilized in various industries, such as food & beverage, pharmaceuticals, and pet food. When comparing natural and synthetic taurine, the primary difference lies in their sources. Natural taurine is derived from animal-based products, while synthetic taurine is produced through chemical synthesis. Both types have similar functions in the body, but some consumers might have a preference for one over the other based on their dietary practices or personal beliefs.

Grade: Growing demand for pharmaceutical grade taurine for pharmaceutical applications

Food grade taurine is commonly added to products such as energy drinks, sports nutrition supplements, and dietary aids. Its consumption offers various health benefits, including improved athletic performance, enhanced cardiovascular function, and neurological support. Pharmaceutical grade taurine represents the pinnacle of purity in taurine production. Pharmaceutical Grade Taurine demonstrates an increased need-based preference due to its essential role as an active pharmaceutical ingredient (API) or excipient in various prescription drugs. While both grades share similar molecular structures and health benefits, their primary differentiation lies in the stringent quality control measures applied during production, which dictate their appropriate usage across industries.

Regional Insights:

Americas represents a highly developing landscape for the global taurine market due to increasing its usage in energy drinks, dietary supplements, and pet food. Consumers in the Americas are increasingly health-conscious and opting for functional beverages that contain taurine for its potential benefits on physical performance and mental well-being. The European Union has been witnessing steady growth in the taurine market due to the rising popularity of sports nutrition products. EU countries such as Germany, France, and the United Kingdom have seen substantial investments and research into taurine's health benefits. In the Middle East and Africa, consumer interest in dietary supplements, fortified foods, and pharmaceutical applications has led to increased demand for taurine. Countries such as Saudi Arabia and South Africa are investing in research to study the long-term effects of taurine on various health conditions such as diabetes and cardiovascular diseases. Asia-Pacific is expected to witness significant growth in the taurine market, driven by the continuous expansion of pharmaceutical industries and subsequent deployment of taurine in manufacturing pharmaceutical drugs.

FPNV Positioning Matrix:

The FPNV Positioning Matrix is essential for assessing the Taurine Market. It provides a comprehensive evaluation of vendors by examining key metrics within Business Strategy and Product Satisfaction, allowing users to make informed decisions based on their specific needs. This advanced analysis then organizes these vendors into four distinct quadrants, which represent varying levels of success: Forefront (F), Pathfinder (P), Niche (N), or Vital(V).

Market Share Analysis:

The Market Share Analysis offers an insightful look at the current state of vendors in the Taurine Market. By comparing vendor contributions to overall revenue, customer base, and other key metrics, we can give companies a greater understanding of their performance and what they are up against when competing for market share. The analysis also sheds light on just how competitive any given sector is about accumulation, fragmentation dominance, and amalgamation traits over the base year period studied.

Key Company Profiles:

The report delves into recent significant developments in the Taurine Market, highlighting leading vendors and their innovative profiles. These include A. B. Enterprises, Aakriti Trading Company, Advance Inorganics, Ajinomoto Co., Inc., Atlantic Chemicals Trading GmbH, AuNutra Industries Inc., Avanscure LifeSciences Pvt. Ltd., AWI-Awell Ingredients Co., Ltd., Foodchem International Corporation, Grand Pharmaceutical Group Limited, Hebi City Hexin Chem Ind. Co., Ltd., Jiangsu Yuanyang Pharmaceutical Co., Ltd, Kyowa Hakko Bio Co., Ltd., Mitsui Chemicals, Inc., New Zealand Pharmaceuticals Limited, Penta Manufacturing Company, Qianjiang Yongan Pharmaceutical Co., Ltd., Stauber Performance Ingredients, Inc., Taisho Pharmaceutical Holdings Co., Ltd., and The Honjo Chemical Corporation.

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Market Segmentation & Coverage:

This research report categorizes the Taurine Market in order to forecast the revenues and analyze trends in each of following sub-markets:

Based on Grade, market is studied across Food Grade and Pharmaceutical Grade. The Food Grade is projected to witness significant market share during forecast period.

Based on Source, market is studied across Natural and Synthetic. The Synthetic is projected to witness significant market share during forecast period.

Based on Form, market is studied across Liquid and Powder. The Powder is projected to witness significant market share during forecast period.

Based on Application, market is studied across Agriculture, Cosmetics & Personal Care, Food & beverages, and Pharmaceuticals. The Cosmetics & Personal Care is projected to witness significant market share during forecast period.

Based on Region, market is studied across Americas, Asia-Pacific, and Europe, Middle East & Africa. The Americas is further studied across Argentina, Brazil, Canada, Mexico, and United States. The United States is further studied across California, Florida, Illinois, New York, Ohio, Pennsylvania, and Texas. The Asia-Pacific is further studied across Australia, China, India, Indonesia, Japan, Malaysia, Philippines, Singapore, South Korea, Taiwan, Thailand, and Vietnam. The Europe, Middle East & Africa is further studied across Denmark, Egypt, Finland, France, Germany, Israel, Italy, Netherlands, Nigeria, Norway, Poland, Qatar, Russia, Saudi Arabia, South Africa, Spain, Sweden, Switzerland, Turkey, United Arab Emirates, and United Kingdom. The Asia-Pacific commanded largest market share of 39.45% in 2022, followed by Europe, Middle East & Africa.

Key Topics Covered:

1. Preface
2. Research Methodology
3. Executive Summary
4. Market Overview
5. Market Insights
6. Taurine Market, by Grade
7. Taurine Market, by Source
8. Taurine Market, by Form
9. Taurine Market, by Application
10. Americas Taurine Market
11. Asia-Pacific Taurine Market
12. Europe, Middle East & Africa Taurine Market
13. Competitive Landscape
14. Competitive Portfolio
15. Appendix

The report provides insights on the following pointers:

1. Market Penetration: Provides comprehensive information on the market offered by the key players
2. Market Development: Provides in-depth information about lucrative emerging markets and analyzes penetration across mature segments of the markets
3. Market Diversification: Provides detailed information about new product launches, untapped geographies, recent developments, and investments
4. Competitive Assessment & Intelligence: Provides an exhaustive assessment of market shares, strategies, products, certification, regulatory approvals, patent landscape, and manufacturing capabilities of the leading players
5. Product Development & Innovation: Provides intelligent insights on future technologies, R&D activities, and breakthrough product developments

The report answers questions such as:

1. What is the market size and forecast of the Taurine Market?
2. Which are the products/segments/applications/areas to invest in over the forecast period in the Taurine Market?
3. What is the competitive strategic window for opportunities in the Taurine Market?
4. What are the technology trends and regulatory frameworks in the Taurine Market?
5. What is the market share of the leading vendors in the Taurine Market?
6. What modes and strategic moves are considered suitable for entering the Taurine Market?

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