

Global Market Analysis on Cellulase market, Chlorogenic Acid market, Spandex Fibermarket forecasted till 2030

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SEATTLE , WASHINGTON, USA, June 29, 2023 /EINPresswire.com/ -- Executive Summary:

The global cellulase market is estimated to grow at a CAGR of 6.30% during the forecast period (2023-2030). The increasing demand for cellulase in the food and beverage industry for production of fruit juices, beer, and bread is expected to drive the market growth. Additionally, the growth in the textile and paper & pulp industries is also anticipated to contribute to the market growth. The market size was valued at USD 2.00 billion in 2022 and is expected to reach USD 3.10 billion by 2030. North America held the largest market share in 2020, owing to the high demand in the food and beverage industry.

The cellulase market is highly competitive with the presence of both global and regional players. The major players in the market are Novozymes, Genencor (DuPont), DSM, AB Enzymes, Amano Enzyme, BIO-CAT, Shandong Longda Bio-Products Co. Ltd, Zhongrong Technology Corporation Ltd., ENMEX, Sunson Industry Group, Mitsubishi-Chemical Foods, and Sinobios.

These companies use cellulase for various applications, including textile processing, food processing, biofuel production, and animal feed. Their use of cellulase helps to grow the cellulase market. According to the latest available sales revenue figures, Novozymes generated revenue of \$2.5 billion, Genencor (DuPont) generated revenue of \$3.7 billion, DSM generated revenue of \$9.7 billion, and AB Enzymes generated revenue of \$39 million.

Cellulase is an enzyme that breaks down cellulose, a complex carbohydrate found in plants. There are three types of cellulase: endo- β -1,4-glucanase (EG), exo- β -1,4-glucanase or cellobiohydrolase (CBH), and β -glucosidase (BG). EG attacks cellulose within the chain while CBH pulls off the individual cellulose sugar units. BG converts cellobiose into glucose.

Cellulase finds its application in various industries such as animal feed, textile, food & beverage, biofuels, and others. In the animal feed industry, it is used to break down cellulose present in plant-based feed into simpler sugars for digestion by livestock. The textile industry uses cellulase to create distressed or stone-washed denim fabrics. In the food & beverage industry, cellulase is used to clarify fruit juices and in the production of wine and beer. It is also used in the

production of biofuels from lignocellulose biomass. Cellulase is also used in paper production, waste management, and bioremediation.

The global cellulase market is estimated to witness significant growth in the regions of North America, Europe, Asia-Pacific, USA, and China. North America holds the largest share due to the increasing demand for cellulases in various industries such as animal feed, textile, and pulp & paper. The Asia-Pacific region is expected to witness the most rapid growth due to rising demand from the healthcare and pharmaceutical industries, as well as increasing research and development activities. Europe is anticipated to witness moderate growth due to the presence of a significant number of existing players in the region, leading to increased competition. The USA and China are also significantly contributing to the market growth due to increasing investments in research and development, coupled with the growing demand for cellulases in the food and beverage industry.

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The global chlorogenic acid market is expected to grow at a CAGR of 3.10% during the forecast period 2023-2030. The market is driven by increasing awareness about the health benefits of chlorogenic acid, which is found abundantly in coffee beans and other natural sources. Furthermore, the demand for chlorogenic acid as a key ingredient in dietary supplements, functional foods, and pharmaceuticals is expected to drive market growth. The chlorogenic acid market size was valued at USD 143.30 million in 2022 and is expected to reach USD 177.50 million by 2030. The market is dominated by key players such as Naturex, Euromed S.A., Applied Food Sciences, and others.

The global chlorogenic acid market is highly competitive, with a large number of companies operating in this market. Some of the key players in the chlorogenic acid market include Naturex, EUROMED SA, Applied Food Sciences, Sabinsa Corporation, Nanjing Zelang, Zhejiang Skyherb, Indfrag, Cymbio Pharma, Changsha E.K HERB, Nutragreen Biotechnology, Changsha Nulant Chem Co., Ltd, Changsha staherb natural ingredients, Xi'an Hao-xuan Bio-tech Co., Ltd, and FLAVOUR TROVE.

These companies use chlorogenic acid for various applications such as dietary supplements, cosmetics, and food and beverages. They also help to grow the chlorogenic acid market by developing new products, expanding their distribution channels, and investing in research and development.

Chlorogenic acid is a natural compound found in many plants, including honeysuckle, eucommia, and green coffee beans. There are several types of chlorogenic acid, including Honeysuckle Extract (HPLC 5%-20%), Honeysuckle Extract (HPLC 98%), Eucommia Extract (HPLC 5%-30%), Eucommia Extract (HPLC 50%-90%), Eucommia Extract (HPLC 98%), Green Coffee Bean Extract (HPLC 45%-50%), and others. The different types of chlorogenic acid vary in their concentration and purity, and are used in a variety of products, including supplements, cosmetics, and food and beverage products.

Chlorogenic acid is a natural compound found in various plants including coffee beans and has various health benefits. It is used in supplements to help with weight loss, improve metabolism, and reduce blood pressure. In pharmaceuticals, it has been studied for its potential to treat diabetes and cardiovascular diseases. Additionally, chlorogenic acid is used in cosmetics for its antioxidant properties and in food and beverage industries as a natural preservative and flavor enhancer. Its anti-inflammatory properties also make it useful in agriculture as a natural pesticide.

The chlorogenic acid market is expected to experience significant growth in the coming years. North America is expected to lead the market due to the increasing demand for plant-based products and the growing awareness of health benefits. In the Asia-Pacific region, growing use of chlorogenic acid in food and beverage products and the presence of key players are expected to boost market growth. In Europe, factors such as the growing preference for natural and organic products and the increasing use of chlorogenic acid in cosmetics and personal care products are expected to contribute to market growth. In the USA, the demand for weight loss supplements and nutraceuticals containing chlorogenic acid is expected to boost market growth. China is expected to emerge as a substantial market due to the country's increasing demand for functional food and beverages.

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The Spandex Fiber market research report provides a detailed analysis of the global and regional market conditions, including the current market trends, growth drivers, and challenges. The report highlights the key players in the market, as well as their market share, strategies, and business models. The global Spandex Fiber market is projected to grow at a CAGR of 5.60% from 2023 to 2030. The market size is expected to reach USD 8.10 billion by 2030, driven by the growing demand for Spandex Fiber in various end-use industries such as textiles, automotive, and healthcare.

Spandex Fiber Market is highly competitive and expected to grow at a CAGR of 5.60% during the forecast period of 2023-2030. Some of the prominent players in this market are Hyosung Corporation, Zhejiang Huafon Spandex Co. Ltd., Invista, Zhejiang Huahai Machinery Group, Highsun Group, Xinxiang Bailu Chemical Fibre Group Co. Ltd., Asahi Kasei Corporation, Yantai Tayho Advanced Materials Co. Ltd., Jiangsu Shuangliang Spandex Co., Ltd., Taekwang Industrial Co. Ltd., TK Chemical Corporation, Xiamen Lilong Spandex Co., Ltd., Indorama Corporation, Toray Industries, Shandong Ruyi.

In terms of sales revenue figures, Hyosung Corporation reported a revenue of \$2.2 billion in 2018, Zhejiang Huafon Spandex Co. Ltd. reported a revenue of \$425 million in 2018, and Invista reported a revenue of \$1.882 billion in 2018.

Overall, these companies are contributing significantly to the growth of the spandex fiber market

through their innovative products, high-quality standards, and focus on customer satisfaction.

Spandex fibers are a type of synthetic fiber, known for their exceptional elasticity and flexibility. The demand for spandex fibers has increased significantly over the years, primarily due to their superior performance parameters compared to other synthetic fibers. There are primarily three types of spandex fibers: solution dry spinning, solution wet spinning, and others. Solution dry spinning involves the production of spandex fibers from a solution of spandex polymer in a solvent, which is then dried to form the final fiber. Solution wet spinning, on the other hand, involves the production of spandex fibers from a solution of spandex polymer in a solvent, which is then extruded into a coagulation bath to form the final fiber. Newer types of spandex fibers include those produced through melt spinning and reaction spinning.

Spandex fibers are used in a variety of applications, including apparel and clothing, medical and healthcare, and others. Spandex fibers are widely used in the textile industry to produce stretchable and comfortable fabrics for sportswear, swimwear, and other products. In the medical and healthcare industry, spandex fibers are used to produce elastic bandages and other medical products that provide support and reduce swelling. In addition, spandex fibers are also used in the automotive and aerospace industries to produce flexible materials that can withstand extreme temperatures and pressures.

Asia-Pacific is expected to dominate the Spandex Fiber market with a market share of approximately 60% in terms of value. This can be attributed to the growing demand for spandex fiber in the textile and apparel industry, particularly in China, India, and South Korea. Europe and North America are also expected to witness significant growth in the Spandex Fiber market owing to the increasing use of spandex fibers in the manufacturing of sportswear and athleisure clothing. The market share of Spandex Fiber in Europe and North America is expected to be around 20% and 15% respectively. Latin America and the Middle East and Africa (MEA) are also expected to witness steady growth in the Spandex Fiber market, with a market share of approximately 3% each. However, the market share of Spandex Fiber may vary depending on several factors such as government regulations, economic conditions, and consumer demand, among others.

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