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Lactobionic Acid Market is projected to reach US$5.352 billion by 2028 at a significant CAGR of 5.21%

The lactobionic acid market is anticipated to grow at a CAGR of 5.21% from US$3.751 billion in 2021 to US$5.352 billion by 2028.

NOIDA, UTTAR PARDESH, INDIA, November 24, 2023 /EINPresswire.com/ -- According to a new study published by Knowledge Sourcing Intelligence, the lactobionic acid market is projected to grow at a CAGR of 5.21% between 2021 and 2028 to reach US$5.352 billion by 2028.

The lactobionic market is being driven by its wide variety of uses as a bioactive component, particularly in medicine, as well as its huge demand in cosmeceuticals and the rising desire for biodegradable goods. It can also be used to stabilize organ preservation solutions, as an anti-ageing and keratinizing element in skin care cosmetics, as a gelling agent in desserts, and as an acidifier agent in fermented milk products. It has several uses in food, medicines, and the cosmetics sector, among others. Lactobionic acid has several uses in meat and meat products, which has raised its demand in the food business.

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> *Knowledge Sourcing Intelligence*

Lactobionic acid is an oligosaccharide aldonic acid produced by milk sugar oxidation. Because of its high antioxidant, biocompatibility, and non-toxicity, this acid is widely used as an defoliant in skin care products, and it is an essential component of organ preservation treatments. Furthermore, because of its iron-chelating properties, it works as an antioxidant in tissues, reducing the formation of damaging hydroxyl radicals. This chemical is well-known for its proven antioxidant, chelating agent, and moisturizing properties. It may be produced using a variety of processes, including electrolysis, biotechnology, catalytic hydrogenation, and oxidation. The rising use of LBA for its antioxidant, chelating, and moisturizing qualities has increased manufacturing to suit worldwide pharmaceutical demand. Furthermore, the worldwide lactobionic market is largely driven by its wide variety of applications as a bioactive component, its widespread usage in cosmeceuticals, and the growing demand for environmentally friendly products.

The market is witnessing multiple collaborations and technological advancements, for instance, ALANNA, India's pioneering specialist lip care brand, released the world's first lip wash tailored for both men and women in April 2022. This novel treatment is designed to address particular lip-related issues and contains essential components like Alpha-Arbutin, Ferulic Acid, and PHA Lactobionic Acid.

Access sample report or view details: https://www.knowledge-sourcing.com/report/global-lactobionic-acid-market

Based on application the global lactobionic acid market is divided into cosmetics, food, pharmaceutical, and medical applications, and others. Among these, the pharmaceutical sector dominated the market and is likely to continue with this dominance over the forecast period. Lactobionic acid is commonly used in medicines, antibiotics, and preservation solutions for organ transplantation. This preservation solution has been widely accepted as the gold standard clinical dissolution for organ perfusion in transplantation therapy. This aids in the suppression of tissue damage induced by free radicals during organ preservation.

Based on Geography the North American region emerged as the market leader and is likely to grow significantly over the forecast period. Lactobionic acid is mostly used in the medical and pharmaceutical sectors in the region and the fact that it is a multifunctional value-added organic acid increases its demand in the food and feed industries. The rising incidence of organ transplantation in the United States has created a good prognosis for the market demand for lactobionic acid, strengthening the country's market growth. Furthermore, rising healthcare expenditures and increased R&D spending for the development of new medicines in the United States have set the path for future market expansion. Lactobionic acid's growing usage in cosmetic goods is an important driving element. Lactobionic acid market growth is predicted to be boosted by rising expenditure on functional food items, an increase in sports and gym enthusiasts, and consumers seeking healthy and sustainable food alternatives throughout the forecast period.

As a part of the report, the major players operating in the lactobionic acid market, that have been covered are Sandoz INC., Bio-Sugars Technology Co. LTD, Merck Group (Sigma-Aldrich), Reliable Biopharmaceutical LLC, Hangzhou Dayangchem Co.LTD., Wuxi Sigma Chemical Products Co.LTD., Cayman Chemical Company, Extrasynthese.

The market analytics report segments the lactobionic acid market using the following criteria:

• BY APPLICATION

o Cosmetics
o Food

o Pharmaceutical and Medical applications
o Others

• BY GEOGRAPHY

o North America

• United States
• Canada
• Mexico

o South America

• Brazil
• Argentina
• Others

o Europe

• Germany
• France
• United Kingdom
• Spain
• Others

o Middle East and Africa

• Saudi Arabia
• UAE
• Israel
• Others

o Asia Pacific

• China
• Japan
• South Korea
• India
• Indonesia
• Thailand
• Others

Companies Profiled:

- Sandoz INC.
- Bio-Sugars Technology Co. LTD
- Merck Group (Sigma-Aldrich)
- Reliable Biopharmaceutical LLC
- Hangzhou Dayangchem Co.LTD.
- Wuxi Sigma Chemical Products Co.LTD.
- Cayman Chemical Company
- Extrasynthese

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