

Industrial Biotechnology: witnesses 11.2% growth

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The Indian bioindustrial sector registered a 11.2 percent growth in its revenues with total sales of ₹697 crore. This increase in enzymes consumption is attributed to the rise in demand from the food, pharmaceutical, detergent, and energy sectors.

The Indian market is spearheaded by global leaders such as Novozymes South Asia, Danisco (India), DSM Nutritional Products India, and Chr. Hansen (India). Besides, there are many domestic enzyme manufacturers, such as Advanced Enzymes, Lumis, Maps and Anthem. High R&D capital, unclear regulations, and an import-dominated market are some of the reasons leading to fewer domestic participants in the food and beverages sector.

Indian industrial enzymes market is at various stages of growth, ranging from penetration to product development. The pharmaceutical enzymes segment is relatively nascent and is the focus of a small group of specialized manufacturers. Meanwhile, the textile and leather enzyme segments are mature, while the detergent enzymes segment is in the growth stage.

The multinationals contribute about 65 percent of the market while the rest is met by the local players. However, the share of local players has been increasing over the last three-four years as these companies realize the huge potential of food enzymes. The companies are enhancing their R&D facilities and staff, establishing manufacturing plants, and a comprehensive distribution network.

In addition to importing enzymes for different purposes, India also exports enzymes. The domestic consumption of enzymes for 2011-12 stood at about ₹527 crore, while the exports raked ₹170 crore in revenues during the period.

The enzymes sector in India has been growing at about 11.47 percent in the last 10 years and is expected to see a growth of

11.17 percent in 2012-13.

Top 5 BioIndustrial Companies

Rank	Company	Region	Revenue in ₹ crore			% Change over	
			2011-12	2010-11	2009-10	2010-11	2009-10
1	Novozymes South Asia*	South	297.66	242	224	23	8.
2	Advanced Enzymes	West	180	154	121	16.88	27.
3	Rossari Biotech*	West	79.2	72	55.38	10	30.
4	Maps (India)	West	58	48	-	20.83	
5	Titan Biotech	North	22.52	18.69	16.095	20.49	16.