

Bioburden Testing Market Size, Share & Trends Analysis Report By Product (Consumables, Instruments), By Test, By Application, By End-use, By Region, And Segment Forecasts, 2024 - 2030

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Abstracts

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Bioadhesives Market Growth & Trends

The global bioadhesives market size is expected to reach USD 9.4 billion by 2030 and is projected to grow at a CAGR of 9.1% from 2024 to 2030, according to a new report by Grand View Research, Inc. Volatile prices of synthetic adhesives on account of fluctuation in raw material prices are expected to remain a key driving factor for the global bioadhesives market. Government support to promote the use of natural, environmentally friendly products particularly in North America and Europe is also expected to have a positive influence on market growth. Growth of key end-use industries such as packaging, construction, and automotive particularly in emerging markets of Asia Pacific is also expected to impact the demand positively. The low shelf life of bioadhesives compared to synthetic adhesives is expected to remain a key challenge for market participants.

Plants were the largest source for bioadhesives and accounted for over 70.7% of the total market volume in 2023. Promising plant-based adhesives such as starch, soy, and corn find wide application across various end-use industries and are expected to provide lucrative opportunities to industry participants and augment global market growth. Animal-based adhesives are expected to witness steady growth of 9.6% from 2024 to 2030.

Bioadhesives Market Report Highlights

The global bioadhesives market size was valued at USD 4.7 billion in 2023 and is projected to grow at a CAGR of 9.1% from 2024 to 2030.

Packaging & paper was the leading application segment and accounted for 35.0% of the total market volume in 2023. Growing demand for natural products for packaging particularly from the food & beverages industry is expected to drive this segment over the forecast period. Increasing the application base of bioadhesives in the medical industry such as surgical bioadhesives wound care dressing and transdermal drug delivery systems are expected to drive this segment.

The North America bioadhesives market dominated the global market and accounted for the largest market share of 24.0% in 2023. The Asia Pacific bioadhesives market is expected to experience substantial growth over the forecast period.

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