

*A Review :*

## **Potential applications of xylanase in paper and pulp**

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The most important large-scale biotechnological applications of recent years is in the use of xylanase as bleaching agents in paper and pulp industry, to minimize use of chlorine the conventional bleaching agent. The applications of xylanases have offered a major step in the reduction of chlorine consumption in the bleaching process of kraft pulp, thus lowering environmental pollution by organic halogens. The pulp and paper technology is one of the fast growing industries and the use of xylanases seems attractive since they provide global environmental benefits. In this review, the 1.Source microorganisms and properties of xylanases produced by various microorganisms are discussed. 2. Applications of xylanase in hard and softwoods are also detailed.

Key words : Xylanase, Microorganisms, Paper and pulp industry; Properties of xylanase.

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