

Technology: Production of Xylanase enzyme through submerged fermentation.

Our client is a leading research based enzyme biotechnology company. Their scientific team has developed a very potent mutant strain of *Trichoderma reesei* through non-GMO techniques for production of Xylanase enzyme. The Xylanase enzyme produced using this strain has very good enzyme activity titer and stability.

The fermentation upstream and downstream process using this strain has been scaled up to commercial production level. The Acid Xylanase enzyme has been very well characterized in terms of individual activities, stability and other properties.

The technology developer company wishes to offer the above technology package for licensing.

The above technology package includes the following.

1. Production strain – *Trichoderma reesei* (Mutant, Non-GMO)
2. Complete upstream and downstream process details.
3. Methods of analysis of in process and final enzyme product that includes methods of testing enzyme activities.
4. Detailed production scale data with optimum medium composition and process parameters for submerged fermentation and downstream processing.
5. Stability data of the enzyme product.
6. Enzyme formulation details.
7. Plant and process equipment design details (if required)
8. Technology implementation support upto commercial production scale.

For more information regarding licensing the above technology

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