Creative Enzymes®

Native Aspergillus aculeatus Pectinase

Cat. No. NATE-0534

Lot. No. (See product label)

Introduction

Description	Pectinase is an active pectolytic enzyme preparation that is produced by a selected strain of Aspergillus aculeatus. It contains mainly pectintranseliminase, polygalacturonase and pectinesterase, along with small amounts of hemicellulases and cellulases. Pectinase hydrolyzes pectin, which is a component of the cell wall. They may attack methyl-esterified pectin or de-esterified pectin.
Applications	Pectinase from Aspergillus aculeatus is used in plant protoplast preparation to digest cell wall prior to organelle isolation. It has been used to conduct partial saccharification of sugars. Pectinases are used to study their role in the invasion of plant tissues using phytopathogens, as well as various food processing and plant biotechnology applications. The enzyme from Creative Enzymes has been used to determine the content of quercetin produced and also to evaluate its rutinase activity.
Synonyms	Pectinase

Product Information

Source	Aspergillus aculeatus
Form	aqueous solution
CAS No.	9032-75-1
Activity	> 500 U/g